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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention
[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,856,236

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,856,236

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$257**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **257 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 21, 2018 contains applications open to public inspection from August 5, 2018 to August 11, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 21 août 2018 contient les demandes disponibles au public pour consultation pour la période du 5 août 2018 au 11 août 2018.

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[54] **METHOD OF PRODUCING ELECTRICALLY CONDUCTIVE POLYMER AND CELLULOSE NANOCOMPOSITES**
[54] **METHODE DE PRODUCTION DE NANOCOMPOSITES A BASE DE POLYMERE CONDUISANT L'ELECTRICITE ET DE CELLULOSE**
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[72] YAN, NING, CA
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[54] **AMELIORATIONS APPORTEES A LA PRISE EN COMPTE D'UNE PREUVE ADN**
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[73] LGC LIMITED, GB
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[54] **METHOD OF DIAGNOSIS AND TREATMENT OF TUMORS USING HIGH INTENSITY FOCUSED ULTRASOUND**
[54] **METHODE DE DIAGNOSTIC ET DE TRAITEMENT DE TUMEURS PAR ULTRASONS FOCALISES A HAUTE INTENSITE**
[72] SANGHVI, NARENDRA T., US
[72] GUHA, CHANDAN, US
[72] FEDEWA, RUSSELL JAMES, US
[72] CARLSON, ROY FRANCIS, US
[72] SEIP, RALF, US
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[54] **SYSTEM AND METHOD FOR MOTOR DRIVE CONTROL PAD AND DRIVE TERMINALS**
[54] **METHODE ET SYSTEME DE BOITIER DE COMMANDE DE MOTEUR ET TERMINAUX DE COMMANDE**
[72] KIDD, MELISSA DRECHSEL, US
[72] GENAW, WILLIAM JAMES, US
[72] PASCHE, MICHEAL ROBERT, US
[72] BAASE, GARY THOMAS, II, US
[72] BERTHELSEN, LARS HOFFMANN, DK
[72] FINK, RASMUS, DK
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[73] STA-RITE INDUSTRIES, LLC, US
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[54] **SYSTEME DE TRAITEMENT DE RECLAMATIONS AUTOMATISE**
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[72] MANDULEY, MARIA C., US
[73] ASSURANT, INC., US
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[54] **METHOD OF CONTROLLING A PUMP AND MOTOR**
[54] **METHODE DE CONTROLE D'UNE POMPE ET DE SON MOTEUR**
[72] KIDD, MELISSA DRECHSEL, US
[72] GENAW, WILLIAM JAMES, US
[72] PASCHE, MICHEAL ROBERT, US
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[73] STA-RITE INDUSTRIES, LLC, US
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[54] **PROCEDE DE MISE A JOUR DES INFORMATIONS DE FONCTIONNALITE D'UE DANS UN RESEAU DE TELECOMMUNICATIONS MOBILES**
[72] MILDH, GUNNAR, SE
[72] WALLENTIN, PONTUS, SE
[72] RACZ, ANDRAS, HU
[72] NORDSTRAND, INGRID, SE
[72] LINDSTROEM, MAGNUS, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **PROCEDE DE PRODUCTION D'ETHANOL A PARTIR DE DEUX MATERIAUX DIFFERENTS DE DEPART**
[72] OHGREN GREDEGARD, KARIN, SE
[72] ZACCHI, GUIDO, SE
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[54] **BOITIER DE CONNECTEUR DE CABLAGE**
[72] CHAMORRO, CARLOS O., US
[72] LISBONA, RANDALL L., US
[72] MAUK, RICHARD A., US
[73] LENNOX INDUSTRIES INC., US
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[54] **BACTERIES LACTIQUES EXERCANT UNE ACTION DE REDUCTION DE LA TENEUR EN ACIDE URIQUE DANS LE SANG**
[72] TSUBOI, HIROSHI, JP
[72] KANEKO, NORIKO, JP
[72] SATOU, AKINA, JP
[72] TSUCHIYA, YOSHINOBU, JP
[73] MEIJI CO., LTD., JP
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[54] **METHODE DE COMMANDE DE SYSTEME DE CHAUFFAGE PAR INDUCTION**
[72] PADERNO, JURIJ, IT
[72] DEL BELLO, FRENCESCO, IT
[72] PARACHINI, DAVIDE, IT
[72] SANTACATTERINA, GIANPIERO, IT
[72] GUTIERREZ, DIEGO, IT
[72] JANKE, BRIAN P., US
[73] WHIRLPOOL CORPORATION, US
[73] TEKA INDUSTRIAL S.A., ES
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[25] EN
[54] **APPARATUS AND METHODS FOR WIDGET-RELATED MEMORY MANAGEMENT**
[54] **APPAREIL ET PROCEDES DE GESTION D'UNE MEMOIRE SE RAPPORTANT A UN WIDGET**
[72] MANDYAM, GIRIDHAR D., US
[72] SURYANARAYANA, LALITHA B.S., US
[72] BERNARD, CHRISTOPHE G., US
[72] HUNTER, KEVIN E., US
[72] RAFFAELLI, NOAM, US
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[73] GENESIS III, INC., US
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[54] **EVAPORATEUR DE SUBSTANCE VOLATILE AVEC DETECTEUR DE FIN DE VIE DE LA SUBSTANCE**
[72] RIERA GINER, MONTSERRAT, ES
[72] MAYOR SANS, FERNANDO, ES
[72] MORHAIN, CEDRIC, ES
[72] GARCIA FABREGA, RUBEN, ES
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[54] **FLOATING LENS MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE DE LENTILLE FLOTTANTE**
[72] CALILUNG, RYAN, US
[72] GINTHER, DAVID, US
[72] MORITZ, HANS, US
[72] REYES, CARLOS, US
[72] SAYLOR, RYAN, US
[72] TRAN, AN, US
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[54] **SYSTEME A BASE DE MAGNESIUM ET SON UTILISATION EN COSMETIQUE**
[72] JOANNY, FABIENNE, FR
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[25] EN
[54] **BENZOXAZINES, BENZOTHIAZINES, AND RELATED COMPOUNDS HAVING NOS INHIBITORY ACTIVITY**
[54] **BENZOXAZINES, BENZOTHIAZINES ET COMPOSES APPARENTES AYANT UNE ACTIVITE D'INHIBITION DE NOS**
[72] RAMNAUTH, JAILALL, CA
[72] ANNEDI, SUBHASH C., CA
[72] SILVERMAN, SARAH, CA
[72] DOVE, PETER, CA
[72] MADDAFORD, SHAWN, CA
[72] RAKHIT, SUMAN, CA
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[54] **ENVIRONMENTALLY FRIENDLY STIMULATION FLUIDS, PROCESSES TO CREATE WORMHOLES IN CARBONATE RESERVOIRS, AND PROCESSES TO REMOVE WELLBORE DAMAGE IN CARBONATE RESERVOIRS**
[54] **FLUIDES DE STIMULATION ECOLOGIQUES, PROCEDES VISANT A CREER DES TROUS DE VER DANS DES RESERVOIRS DE CARBONATE ET PROCEDES VISANT A REPARER LES DOMMAGES CAUSES PAR LE FORAGE DE PUITS DANS DES RESERVOIRS DE CARBONATE**
[72] DE WOLF, CORNELIA ADRIANA, NL
[72] NASR-EL-DIN, HISHAM, US
[72] LEPAGE, JAMES N., US
[72] NASR EL DIN MAHMOUD, MOHAMED AHMED, US
[72] BEMELAAR, JOHANNA HENDRIKA, NL
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[54] **ADN MUTANT CIRCULANT POUR EVALUER UNE DYNAMIQUE DE TUMEUR**
[72] DIEHL, FRANK, DE
[72] DIAZ, LUIS, US
[72] KINZLER, KENNETH W., US
[72] VOGELSTEIN, BERT, US
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[73] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **OPTICAL MODE TRANSFORMER, IN PARTICULAR FOR COUPLING AN OPTICAL FIBER AND A HIGH-INDEX CONTRAST WAVEGUIDE**
[54] **TRANSFORMATEUR DE MODE OPTIQUE DESTINE EN PARTICULIER AU COUPLAGE D'UNE FIBRE OPTIQUE ET D'UN GUIDE D'ONDE A CONTRASTE D'INDICE ELEVE**
[72] CEVINI, GAIA, IT
[72] GALLI, PAOLA, IT
[72] LORENZOTTI, STEFANO, IT
[72] PIAZZA, MARCO, IT
[72] ROMAGNOLI, MARCO, IT
[72] SOCCI, LUCIANO, IT
[72] BOLLA, LORENZO, IT
[72] GHIDINI, SILVIA, IT
[73] GOOGLE LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR SEMANTIC CONCEPT DEFINITION AND SEMANTIC CONCEPT RELATIONSHIP SYNTHESIS UTILIZING EXISTING DOMAIN DEFINITIONS**
[54] **SYSTEMES ET PROCEDES DE DEFINITION DE CONCEPTS SEMANTIQUES ET DE SYNTHESE DE RELATIONS ENTRE CONCEPTS SEMANTIQUES FAISANT APPEL A DES DEFINITIONS DE DOMAINES EXISTANTS**
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[72] BLACK, ALEXANDER DAVID, CA
[73] PRIMAL FUSION INC., CA
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[54] **DISPOSITIF DE MOUVEMENT ROTATIF A DEPLACEMENT POSITIF INDEXE**
[72] FARSHCHIAN, SOHEIL, CA
[72] GOTTFRIED, KRISTJAN, CA
[72] JUAN, ALEJANDRO, CA
[72] PATTERSON, CURTIS, CA
[73] EXPONENTIAL TECHNOLOGIES, INC., CA
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[54] **SYSTEM AND METHOD FOR DETECTION OF MALWARE**
[54] **SYSTEME ET PROCEDE POUR LA DETECTION DE LOGICIELS MALVEILLANTS**
[72] HICKS, RYAN, CZ
[73] AVG NETHERLANDS B.V., NL
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[54] **TYROSINE KINASE RECEPTOR TYRO3 AS A THERAPEUTIC TARGET IN THE TREATMENT OF CANCER**
[54] **RECEPTEUR DE TYROSINE KINASE TYRO3 COMME CIBLE THERAPEUTIQUE DANS LE TRAITEMENT DU CANCER**
[72] BERNARD-PIERROT, ISABELLE, FR
[72] RADVANYI, FRANCOIS, FR
[72] ALLORY, YVES, FR
[72] STRANSKY, NICOLAS, FR
[73] INSTITUT CURIE, FR
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[73] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
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[51] **Int.Cl. A61B 5/042 (2006.01) A61B 90/00 (2016.01) A61B 18/14 (2006.01) A61M 25/01 (2006.01)**
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[54] **DUAL-PURPOSE LASSO CATHETER WITH IRRIGATION USING CIRCUMFERENTIALLY ARRANGED RING BUMP ELECTRODES**
[54] **CATHETER-LASSO A DOUBLE FONCTION AVEC IRRIGATION UTILISANT DES ELECTRODES ANNULAIRES EN BOSSE PLACEES CIRCONFERENTIELLEMENT**
[72] GOVARI, ASSAF, IL
[72] PAPAIOANNOU, ATHANASSIOS, US
[72] BEECKLER, CHRISTOPHER, US
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL
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[54] **METHODS FOR POSITIONING A LARGE LOAD INTO A TRANSPORT POSITION AND FOR POSITIONING A LARGE LOAD INTO A STORAGE POSITION, TRAILER AND/OR LORRY**
[54] **METHODES DE POSITIONNEMENT D'UNE FORTE CHARGE EN POSITION DE TRANSPORT ET METHODES POUR LE POSITIONNEMENT D'UNE TELLE CHARGE EN POSITION DE STOCKAGE, DANS UNE REMORQUE ET/OU UN CAMION**
[72] POULSEN, HENNING, DK
[72] WESTERGAARD, JAN EMIL, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **RECYCLING PROCESS FOR INCREASING THE YIELD OF A GRIGNARD REACTION IN THE PREPARATION OF OPIATE ALKALOID DERIVATIVES**
[54] **PROCEDE DE RECYCLAGE POUR L'AUGMENTATION DU RENDEMENT D'UNE REACTION DE GRIGNARD DANS LA PREPARATION DE DERIVES ALCALOIDES OPIACES**
[72] KALOTA, DENNIS J., US
[73] SPECGX LLC, US
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[54] **DETECTION D'INFORMATIONS CONFIDENTIELLES**
[72] FOURNIER, DAVID, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2011-03-24
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[25] EN
[54] **ANTIMICROBIAL COMPOUNDS**
[54] **COMPOSES ANTIMICROBIENS**
[72] STENSEN, WENCHE, NO
[72] LEESON, FREDERICK ALAN, NO
[72] REKDAL, OYSTEIN, NO
[72] SVENDSEN, JOHN SIGURD, NO
[73] AMICOAT AS, NO
[85] 2011-03-30
[86] 2009-10-02 (PCT/GB2009/002365)
[87] (WO2010/038041)
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[25] EN
[54] **TREATMENT OF BIOFILMS**
[54] **TRAITEMENT DE BIOFILMS**
[72] STENSEN, WENCHE, NO
[72] LEESON, FREDERICK ALAN, NO
[72] ENGQVIST, STIG OLOV MAGNUS, NO
[72] FLAEGSTAD, TROND, NO
[72] REKDAL, OYSTEIN, NO
[72] SVENDSEN, JOHN SIGURD, NO
[73] AMICOAT AS, NO
[85] 2011-03-31
[86] 2009-10-02 (PCT/GB2009/002364)
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[25] EN
[54] **IMPROVING REACTOR OPERABILITY IN A GAS PHASE POLYMERIZATION PROCESS**
[54] **AMELIORATION DE L'OPERABILITE D'UN REACTEUR DURANT LE PROCESSUS DE POLYMERISATION EN PHASE GAZEUSE**
[72] HOANG, PETER PHUNG MINH, CA
[72] SHAW, BENJAMIN MILTON, CA
[72] MAK, ANDY, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2739969)
[87] (2739969)
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[51] **Int.Cl. E21B 49/00 (2006.01)**
[25] EN
[54] **DETECTION AND QUANTIFICATION OF GAS MIXTURES IN SUBTERRANEAN FORMATIONS**
[54] **DETECTION ET DOSAGE DE MELANGES GAZEUX DANS DES FORMATIONS SOUTERRAINES**
[72] HOLBA, ALBERT G., US
[72] STRAPOC, DARIUSZ, US
[72] KLEIBACKER, DERIK W., CA
[72] WRIGHT, LISA H., US
[72] VELDHUIS, JERRY H., US
[73] CONOCOPHILLIPS COMPANY, US
[86] (2741763)
[87] (2741763)
[22] 2011-05-26
[30] US (61/352168) 2010-06-07

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[13] C
[51] **Int.Cl. C12N 15/87 (2006.01) C12N 5/0789 (2010.01) A61K 31/405 (2006.01) A61K 31/5415 (2006.01) A61K 35/28 (2015.01) A61P 43/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS TO ENHANCE HEMATOPOIETIC STEM CELLS ENGRAFTMENT PROCEDURES**
[54] **MATERIAUX ET PROCEDES AMELIORANT LES PROTOCOLES DE PRISE DE GREFFE DE CELLULES SOUCHES HEMATOPOIETIQUES**
[72] PELUS, LOUIS M., US
[72] HOGGATT, JONATHAN, US
[72] SINGH, PRATIBHA, US
[73] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
[85] 2011-05-05
[86] 2009-11-06 (PCT/US2009/063654)
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[25] EN
[54] **LUBRICATION SYSTEM FOR AIRCRAFT ENGINE**
[54] **SYSTEME DE LUBRIFICATION DE MOTEUR D'AERONEF**
[72] HOANG, TUYEN TRONG, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2743281)
[87] (2743281)
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[51] **Int.Cl. H04W 8/20 (2009.01)**
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[54] **WIRELESS DEVICE SWAP**
[54] **PERMUTATION DE DISPOSITIFS SANS FIL**
[72] GISBY, DOUGLAS MICHAEL, GB
[73] BLACKBERRY LIMITED, CA
[86] (2743689)
[87] (2743689)
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[25] EN
[54] **DRINK BOTTLE AND LID WITH COVER FOR DRINK SPOUT**
[54] **BOUTEILLE POUR BOISSON AVEC BOUCHON MUNI D'UN COUVERCLE POUR PROTEGER LE BEC DISTRIBUTEUR**
[72] LANE, MARVIN, US
[73] THERMOS L.L.C., US
[86] (2743812)
[87] (2743812)
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[25] EN
[54] **SEALANT-FILLED ENCLOSURES AND METHODS FOR ENVIRONMENTALLY PROTECTING A CONNECTION**
[54] **ENCEINTES REMPLIES D'ISOLANT ET PROCEDES POUR PROTEGER UNE CONNEXION CONTRE L'ENVIRONNEMENT**
[72] PULLIUM, GEORGE W., III, US
[72] MARKS, JIMMY E., US
[73] TE CONNECTIVITY CORPORATION, US
[85] 2011-05-16
[86] 2009-11-17 (PCT/US2009/064778)
[87] (WO2010/059619)
[30] US (61/115,746) 2008-11-18
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[51] **Int.Cl. H04L 9/32 (2006.01) G06K 9/00 (2006.01)**
[25] FR
[54] **IDENTIFICATION OR AUTHORISATION METHOD, AND ASSOCIATED SYSTEM AND SECURE MODULE**
[54] **PROCEDE D'IDENTIFICATION OU D'AUTORISATION, ET SYSTEME ET MODULE SECURISE ASSOCIES**
[72] KINDARJI, BRUNO, FR
[72] CHABANNE, HERVE, FR
[72] BRINGER, JULIEN, FR
[73] MORPHO, FR
[85] 2011-05-16
[86] 2009-12-04 (PCT/FR2009/052420)
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[54] **LUBRICANT FOR POWDER METALLURGICAL COMPOSITIONS**
[54] **LUBRIFIANT POUR COMPOSITIONS METALLURGIQUES DE POUDRE**
[72] AHLIN, ASA, SE
[72] AHLQUIST, ANNA, SE
[72] OLSSON, KARIN, SE
[73] HOEGANAES AB (PUBL), SE
[85] 2011-05-17
[86] 2009-11-25 (PCT/SE2009/051336)
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[30] SE (0802486-1) 2008-11-26
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[51] **Int.Cl. A61B 3/10 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR PRECISION DEPTH MEASUREMENT**
[54] **APPAREIL, SYSTEME ET PROCEDE DE MESURE DE PROFONDEUR DE PRECISION**
[72] BROWNELL, MICHAEL, US
[73] AMO DEVELOPMENT, LLC, US
[85] 2011-05-19
[86] 2009-11-20 (PCT/US2009/065253)
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[30] US (12/275,518) 2008-11-21

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[51] **Int.Cl. C07K 14/115 (2006.01)**
[25] FR
[54] **MUTANT PROTEINS OF THE F PROTEIN OF PIV-5 AND PIV-2**
[54] **PROTEINES MUTANTES DE LA PROTEINE F DE PIV-5 ET DE PIV-2**
[72] ROSA CALATRAVA, MANUEL, MELCHIOR, JEAN-PIERRE, FR
[72] TERRIER, OLIVIER, FR
[72] DURUPT, FRANCOIS, EDOUARD, JULIEN, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE CLAUDE BERNARD DE LYON 1, FR
[73] LES HOSPICES CIVILS DE LYON, FR
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[86] 2009-11-17 (PCT/FR2009/001317)
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[51] **Int.Cl. A47K 3/02 (2006.01) A61H 33/00 (2006.01) H05B 3/36 (2006.01)**
[25] EN
[54] **COMFORT BATHTUB WITH HEATED WALL PORTIONS**
[54] **BAIGNOIRE DE CONFORT AVEC PAROIS CHAUFFEES**
[72] BRUNELLE, HENRY, CA
[72] GENDREAU, LOUIS, CA
[72] GRENIER, DANNY, CA
[72] BAILLARGEON, GUY, CA
[72] THOMAS, DAVE, CA
[73] GESTION ULTRA INTERNATIONALE INC., CA
[86] (2745168)
[87] (2745168)
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[13] C
[51] **Int.Cl. A61K 8/27 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **ZINC OXIDE AQUEOUS AND NON-AQUEOUS DISPERSIONS**
[54] **DISPERSIONS AQUEUSES ET NON AQUEUSES D'OXYDE DE ZINC**
[72] SHAO, YUN, US
[72] SCHLOSSMAN, DAVID, US
[73] KOBO PRODUCTS, INC., US
[85] 2011-06-07
[86] 2009-12-09 (PCT/US2009/067367)
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[30] US (12/331,593) 2008-12-10

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[13] C
[51] **Int.Cl. B23P 21/00 (2006.01) F16H 57/023 (2012.01) F16D 13/38 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ASSEMBLING A CLUTCH**
[54] **PROCEDE ET APPAREIL POUR LE MONTAGE D'UN EMBRAYAGE**
[72] GRAHAM, JOHN, US
[73] COMAU LLC, US
[86] (2746143)
[87] (2746143)
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[51] **Int.Cl. E04F 11/18 (2006.01) F16B 7/00 (2006.01) F16B 9/00 (2006.01) F16B 12/00 (2006.01)**
[25] EN
[54] **IMPROVED RAIL ASSEMBLY HAVING A BALUSTER SWING BRACKET**
[54] **ENSEMBLE RAMPE AMELIORE AYANT UN SUPPORT PIVOTANT DE BALUSTRE**
[72] DOTSEY, MICHAEL, US
[73] CPG INTERNATIONAL LLC, US
[86] (2746198)
[87] (2746198)
[22] 2011-07-13
[30] US (12/836,685) 2010-07-15

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[25] EN
[54] **METHODS, SYSTEMS, AND COMPUTER-READABLE MEDIA FOR SEMANTICALLY ENRICHING CONTENT AND FOR SEMANTIC NAVIGATION**
[54] **METHODES, SYSTEMES ET SUPPORT INFORMATIQUE POUR L'ENRICHISSEMENT SEMANTIQUE DU CONTENU ET LA NAVIGATION SEMANTIQUE**
[72] DIMASSIMO, PASCAL, CA
[72] PETTIGREW, STEVE, CA
[72] BROUSSEAU, MARTIN, CA
[72] SIMARD, CHARLES-OLIVIER, CA
[72] WILLIAMS, ERIC, CA
[72] LACROIX, FRANCIS, CA
[72] DOWGAILENKO, ALEX, CA
[72] DELIGIA, AGOSTINO, CA
[72] TEXIER, JEAN-MICHEL, CA
[73] OPEN TEXT CORPORATION, CA
[86] (2747145)
[87] (2747145)
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[51] **Int.Cl. C07D 205/04 (2006.01) A61K 31/397 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **HEMIFUMARATE SALT OF 1-[4-[1-(4-CYCLOHEXYL-3-TRIFLUOROMETHYL-BENZYLOXYIMINO)-ETHYL]-2-ETHYL-BENZYL]-A ZETIDINE-3-CARBOXYLIC ACID**
[54] **SEL HEMIFUMARATE D'ACIDE 1-[4-[1-(4-CYCLOHEXYL-3-TRIFLUOROMETHYL-BENZYLOXYIMINO]-ETHYL]-2-ETHYL-BENZYL]-AZETIDINE-3-CARBOXYLIQUE**
[72] CISZEWSKI, LECH, US
[72] DE LA CRUZ, MARILYN, US
[72] KARPINSKI, PIOTR H., US
[72] MUTZ, MICHAEL, CH
[72] RIEGERT, CHRISTIAN, CH
[72] VOGEL, CASPAR, CH
[72] SCHNEEBERGER, RICARDO, CH
[73] NOVARTIS AG, CH
[85] 2011-06-16
[86] 2009-12-16 (PCT/US2009/068143)
[87] (WO2010/080409)
[30] US (61/203,053) 2008-12-18

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[13] C
[51] **Int.Cl. A61B 5/16 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ASSESSING OR DETECTING BRAIN INJURY AND NEUROLOGICAL DISORDERS**
[54] **PROCEDE ET APPAREIL POUR L'EVALUATION OU LA DETECTION DE LESIONS CEREBRALES ET DE TROUBLES NEUROLOGIQUES**
[72] SCOTT, STEPHEN H., CA
[73] QUEEN'S UNIVERSITY AT KINGSTON, CA
[86] (2749487)
[87] (2749487)
[22] 2011-08-18
[30] US (61/405,504) 2010-10-21

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[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PLACING A PERCUTANEOUS VALVE DEVICE**
[54] **SYSTEME ET PROCEDE DE PLACEMENT D'UN DISPOSITIF DE TYPE VALVE PERCUTANEE**
[72] RICHTER, YORAM, IL
[72] RICHTER, JACOB, IL
[73] VALVE MEDICAL LTD, IL
[85] 2011-07-12
[86] 2010-01-13 (PCT/IB2010/000048)
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[51] **Int.Cl. C08F 4/6592 (2006.01) C08F 2/34 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **FEEDING HIGHLY ACTIVE PHOSPHINIMINE CATALYSTS TO A GAS PHASE REACTOR**
[54] **APPROVISIONNEMENT DE CATALYSEURS DE PHOSPHINIMINE TRES ACTIFS DANS UN REACTEUR EN PHASE GAZEUSE**
[72] HOANG, PETER PHUNG MINH, CA
[72] CHISHOLM, P. SCOTT, CA
[72] PATEL, RAJESH DAHYABHAI, CA
[72] BAAR, CLIFF ROBERT, CA
[73] NOVA CHEMICALS CORPORATION, CA
[86] (2749835)
[87] (2749835)
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[51] **Int.Cl. C07F 5/02 (2006.01) A61K 31/155 (2006.01) A61K 31/69 (2006.01) A61K 49/00 (2006.01)**
[25] EN
[54] **ARGINASE INHIBITORS AND METHODS OF USE**
[54] **INHIBITEURS D'ARGINASE ET LEURS METHODES D'UTILISATION**
[72] CHRISTIANSON, DAVID W., US
[72] TOMCZUK, BRUCE EDWARD, US
[72] POTTORF, RICHARD SCOTT, US
[72] COLASANTI, ANDREW VARGHA, US
[72] OLSON, GARY LEE, US
[73] TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[73] CORRIDOR PHARMACEUTICALS, INC., US
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[51] **Int.Cl. A61K 39/21 (2006.01) C07K 14/16 (2006.01)**
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[54] **SPLITTING GP41**
[54] **DIVISION DE GP41**
[72] FLEURY, SYLVAIN, CH
[72] BOMSEL, MORGANE, FR
[73] MYMETICS CORPORATION, US
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2011-07-19
[86] 2010-02-08 (PCT/EP2010/051524)
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[30] US (61/202,219) 2009-02-06
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[13] C
[51] **Int.Cl. F28F 21/08 (2006.01)**
[25] EN
[54] **THERMAL INTERFACE MATERIAL FOR REDUCING THERMAL RESISTANCE AND METHOD OF MAKING THE SAME**
[54] **MATERIAU D'INTERFACE THERMIQUE CONCU POUR REDUIRE LA RESISTANCE THERMIQUE ET PROCEDE DE FABRICATION CONNEXE**
[72] KIRK, GRAHAM CHARLES, GB
[73] ABACO SYSTEMS, INC., US
[86] (2750437)
[87] (2750437)
[22] 2011-08-25
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[25] EN
[54] **ALKYLAMINE-SUBSTITUTED DICYANOPYRIDINE AND AMINO ACID ESTER PRODRUGS THEREOF**
[54] **DICYANOPYRIDINE A SUBSTITUTION ALKYLAMINO ET SES PROMEDICAMENTS D'ESTER D'ACIDE AMINE**
[72] VAKALOPOULOS, ALEXANDROS, DE
[72] MEIBOM, DANIEL, DE
[72] ALBRECHT-KUEPPER, BARBARA, DE
[72] ZIMMERMANN, KATJA, DE
[72] KELDENICH, JOERG, DE
[72] LERCHEN, HANS-GEORG, DE
[72] NELL, PETER, DE
[72] SUESSMEIER, FRANK, DE
[72] KRENZ, URSULA, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[30] DE (10 2009 006 602.0) 2009-01-29

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[25] EN
[54] **SYSTEM OF SYSTEMS FOR MONITORING GREENHOUSE GAS FLUXES**
[54] **ENSEMBLE DE SYSTEMES DE SUIVI DES FLUX DE GAZ A EFFET DE SERRE**
[72] MARINO, BRUNO D.V., US
[73] PLANETARY EMISSIONS MANAGEMENT, US
[85] 2011-07-29
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[54] **MULTI-WORM CIRCLE DRIVE GEARBOX**
[54] **BOITE DE VITESSE D'ENTRAINEMENT EN CERCLE A MULTIPLES VIS SANS FIN**
[72] BINDL, REGINALD M., US
[72] HORSTMAN, NATHAN J., US
[72] LUOMA, TRENT A., US
[72] RUIZ, FRANCISCO DE ASIS F., ES
[72] TORRADO, ANGEL RAMON A., ES
[73] DEERE & COMPANY, US
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[25] EN
[54] **ROCKER WHEEL SYSTEM FOR SCANNER CARRIAGES**
[54] **SYSTEME DE ROUE BASCULANTE POUR CHARIOTS DE SCANNER**
[72] BESELT, RON, US
[73] HONEYWELL ASCA INC., CA
[86] (2752276)
[87] (2752276)
[22] 2011-09-13
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[25] EN
[54] **COVER FOR A FLUID COLLECTION DEVICE**
[54] **COUVERCLE DE COLLECTEUR DE FLUIDE**
[72] ZYBURT, SARAH, US
[72] TOMES, JENNIFER E., US
[72] LOCKWOOD, ROBERT, US
[73] MEDLINE INDUSTRIES, INC., US
[86] (2752827)
[87] (2752827)
[22] 2011-09-20
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[25] EN
[54] **PEPTIDOMIMETIC CYCLIC COMPOUNDS FOR TREATING RETINITIS PIGMENTOSA**
[54] **COMPOSES CYCLIQUES PEPTIDOMIMETIQUES POUR LE TRAITEMENT DE LA RETINITE PIGMENTAIRE**
[72] CUMBERLIDGE, GARTH, US
[72] MEEROVITCH, KAREN, CA
[72] SARAGOVI, HORACIO URI, CA
[73] MIMETOGEN PHARMACEUTICALS INC., CA
[85] 2011-08-17
[86] 2010-02-26 (PCT/US2010/025575)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE DIFFERENTIATION OF STEM CELLS**
[54] **PROCEDES ET COMPOSITIONS POUR LA DIFFERENCIATION DE CELLULES SOUCHES**
[72] DAIGH, CHRISTINE A., US
[72] FUHRKEN, PETER, US
[72] SALVAGIOTTO, GIORGIA, US
[73] FUJIFILM CELLULAR DYNAMICS, INC., US
[85] 2011-08-19
[86] 2010-02-22 (PCT/US2010/024881)
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[13] C
[51] **Int.Cl. B28B 1/00 (2006.01) B28B 13/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MANUFACTURING SLABS WITH A VEINED EFFECT**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE DALLES A EFFET MARBRE**
[72] TONCELLI, LUCA, IT
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[54] **LIMITEUR DE COUPLE AUTOMATIQUE**
[72] JAEGER, DARYL J., US
[73] ACTUANT CORPORATION, US
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[54] **SYSTEMES ET PROCEDES POUR LA DETECTION DES CHARGES AU SOL SUR LE TRAIN D'ATTERRISSAGE**
[72] BAIRD, BRADLEY W., CA
[73] GOODRICH CORPORATION, US
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[54] **METHOD FOR DETERMINING SENSITIVITY TO IRINOTECAN AND USE THEREOF**
[54] **PROCEDE POUR DETERMINER LA SENSIBILITE A L'IRINOTECAN ET SON UTILISATION**
[72] NISHIYAMA, MASAHIKO, JP
[72] HIYAMA, KEIKO, JP
[72] TANIMOTO, KEIJI, JP
[73] KABUSHIKI KAISHA YAKULT HONSHA, JP
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[54] **MICROGYROSCOPE POUR LA DETERMINATION DE MOUVEMENTS DE ROTATION AUTOUR DE TROIS AXES DANS L'ESPACE PERPENDICULAIRES ENTRE EUX**
[72] HAMMER, HANNO, AT
[73] HANKING ELECTRONICS, LTD., US
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[54] **PROCEDE DE REFORMAGE DE COUPES HYDROCARBONEES**
[72] SANCHEZ, ERIC, FR
[72] RAULT, JACQUES, FR
[72] LE GOFF, PIERRE-YVES, FR
[72] PIERRE, CHRISTOPHE, FR
[72] FERNANDES, JOANA, PT
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[72] SAUSER, EDWIN J., US
[73] TEREX USA, LLC, US
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[54] **DISPOSITIF D'ECLAIRAGE A DEL D'AERONEF, NOTAMMENT POUR LES MANOEUVRES D'ATTERRISSAGE, DE DECOLLAGE, DE ROULAGE ET DE RECHERCHE, ET AERONEF AINSI EQUIPE**
[72] FABBRI, FRANCESCO, IT
[72] VANNI, PAOLO, IT
[72] LA PAOLA, DAVIDE, IT
[73] SIRIO PANEL S.P.A., IT
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[54] **MOUSSES EPAISSES POUR APPLICATIONS BIOMEDICALES ET PROCEDES DE FABRICATION**
[72] SHETTY, DHANURAJ S., US
[72] CHUN, IKSOO, US
[72] VYAKARNAM, MURTY N., US
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[73] ADVANCED TECHNOLOGIES AND REGENERATIVE MEDICINE, LLC, US
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[54] **DERIVES HETEROCYCLYLE BICYCLIQUES EN TANT QU'INHIBITEURS DES FGFR KINASES DESTINES A UN USAGE THERAPEUTIQUE**
[72] SAXTY, GORDON, GB
[72] BERDINI, VALERIO, GB
[72] FREYNE, EDDY JEAN EDGARD, BE
[72] PAPANIKOS, ALEXANDRA, BE
[72] BENDERITTER, PASCAL, CH
[72] EMBRECHTS, WERNER CONSTANT JOHAN, BE
[72] WROBLOWSKI, BERTHOLD, BE
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[54] **SUPPORT DE BUSE DE MELANGE ET DISTRIBUTEUR DE LIQUIDE MELANGE**
[72] REDDY, BALAKRISHNA, US
[73] NESTEC S.A., CH
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[72] STOTHARD, DAVID JAMES MARK, GB
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[54] **PROCESSES FOR THE PREPARATION OF RIVAROXABAN AND INTERMEDIATES THEREOF**
[54] **PROCEDES DE PREPARATION DU RIVAROXABAN ET DE SES INTERMEDIAIRES**
[72] BODHURI, PRABHUDAS, CA
[72] WEERATUNGA, GAMIMI, CA
[73] APOTEX PHARMACHEM INC., CA
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[54] **PASSIVATED SUPPORTS FOR USE WITH OLEFIN POLYMERIZATION CATALYSTS**
[54] **SUPPORTS PASSIVES POUR UTILISATION AVEC CATALYSEURS DE POLYMERISATION D'OLEFINE**
[72] MORRISON, DARRYL J., CA
[72] CARTER, CHARLES ASHTON GARRET, CA
[72] JONES, AMY MARIE, CA
[73] NOVA CHEMICALS CORPORATION, CA
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[54] **SYSTEME D'APPAREILLAGE PROTHETIQUE DE BRAS**
[72] ALTOBELLI, DAVID E., US
[72] PERRY, N. CHRISTOPHER, US
[72] EVANS, CHRISTOPHER O., US
[72] VAN DER MERWE, DIRK A., US
[72] LANGENFELD, CHRISTOPHER C., US
[72] KERWIN, JOHN M., US
[72] COULTER, STEWART M., US
[72] SMITH, STANLEY B., III, US
[72] VIOLETTE, KEITH D., US
[72] NICKSON, STEVEN W., US
[72] SCHNELLINGER, THOMAS S., US
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[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF A POWDER COMPRISING ONE OR MORE DERIVATIVES OF GLYCINE-N,N-DIACETIC ACID AND/OR ONE OR MORE DERIVATIVES OF GLUTAMINE-N,N-DIACETIC ACID AND METHYLGLYCINE-N,N-DIACETIC ACID TRISODIUM SALT POWDER**
[54] **PROCEDE DE PREPARATION D'UNE POUDRE CONTENANT UN OU PLUSIEURS DERIVES D'ACIDE GLYCINE-N,N-DIACETIQUE ET/OU UN OU PLUSIEURS DERIVES D'ACIDE GLUTAMINE-N, N-DIACETIQUE ET POUDRE DE SEL DE TRISODIUM DE L'ACIDE METHYLGLYCINE-N,N-DIACETIQUE**
[72] MRZENA, FRANK, DE
[72] KINDER, HANS-JUERGEN, DE
[72] SCHOENHERR, MICHAEL, DE
[72] COX, GERHARD, DE
[72] SCHMIDT, THOMAS, DE
[72] HUETT, VOLKER, DE
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[54] **PROCEDE ET APPAREIL DE DETECTION OPTIQUE**
[72] FARHADIROUSHAN, MAHMOUD, GB
[72] PARKER, TOM RICHARD, GB
[72] SHATALIN, SERGEY, GB
[73] SILIXA LTD, GB
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[54] **AN ASSEMBLY SYSTEM FOR CONNECTING FURNITURE ELEMENTS**
[54] **SYSTEME D'ASSEMBLAGE POUR RELIER DES ELEMENTS DE MEUBLES**
[72] SAUER, STEEN, DK
[73] SAUER, STEEN, DK
[85] 2011-11-29
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[54] **OSTEOSYNTHESE AVEC DE L'ARGENT NANOMETRIQUE**
[72] DINGELDEIN, ELVIRA, DE
[72] GASQUERES, CYRILLE, DE
[72] WITTE, FRANK, DE
[72] ELIZIER, AMIR, IL
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[54] **SOUPAPE DE SURETE SOUTERRAINE POURVUE D'UN DISPOSITIF D'INJECTION D'ADDITIF SECURITAIRE**
[72] GARAY, SERGE, FR
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **CELLULES A FUCOSYLATION DEFICIENTE**
[72] CHEN, GANG, US
[72] BURAKOV, DARYA, US
[72] FANDL, JAMES P., US
[73] REGENERON PHARMACEUTICALS, INC., US
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[54] **METHODS OF GENERATING HYBRID/CHIMERIC CELLS, AND USES THEREOF**
[54] **PROCEDES DE GENERATION DE CELLULES HYBRIDES/CHIMERES, ET LEURS UTILISATIONS**
[72] KASEKO, GALINA, AU
[72] MAHAWORASILPA, TOHSAK L., AU
[73] BTS RESEARCH INTERNATIONAL PTY LTD, AU
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[54] **APPAREIL ET PROCEDE POUR REDUIRE LES DOULEURS DU GENOU ET/OU RELEVER LE NIVEAU DE LA PERFORMANCE ATHLETIQUE**
[72] CROPPER, DEAN, US
[73] CROPPER, DEAN, US
[85] 2011-12-02
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[54] **SYNTHONS DE PHOSPHONATES POUR LA SYNTHESE DE DERIVES DE PHOSPHONATES PRESENTANT UNE MEILLEURE BIODISPONIBILITE**
[72] AGROFOGLIO, LUIGI A., FR
[72] ROY, VINCENT, FR
[72] PRADERE, UGO, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] UNIVERSITE D'ORLEANS, FR
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[54] **METHOD AND FURNACE ASSEMBLY FOR FORMING A DIELECTRIC POWDER USING A PRECIPITATED PRECURSOR POWDER**
[54] **METHODE ET APPAREIL DE FOURNAISE SERVANT A FORMER UNE POUDRE DIELECTRIQUE AU MOYEN D'UNE POUDRE PRECURSEURE PRECIPITEE**
[72] WEIR, RICHARD D., US
[73] EESTOR, INC., US
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[54] **DETECTION AND VISUALIZATION OF THE CELL CYCLE IN LIVING CELLS**
[54] **DETECTION ET VISUALISATION DU CYCLE CELLULAIRE DANS DES CELLULES VIVANTES**
[72] ROTHBAUER, ULRICH, DE
[72] LEONHARDT, HEINRICH, DE
[72] ZOLGHADR, KOUROSH, DE
[72] ROMER, TINA, DE
[72] SCHMIDTHALS, KATRIN, DE
[73] LUDWIG-MAXIMILIANS-UNIVERSITAT, DE
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[54] **THERAPEUTIC COMPOSITIONS AND RELATED METHODS OF USE**
[54] **COMPOSITIONS THERAPEUTIQUES ET PROCEDES D'UTILISATION ASSOCIES**
[72] SAUNDERS, JEFFREY O., US
[72] SALITURO, FRANCESCO G., US
[73] AGIOS PHARMACEUTICALS, INC., US
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[25] EN
[54] **INSULIN PREPARATIONS CONTAINING METHIONINE**
[54] **PREPARATIONS D'INSULINE CONTENANT DE LA METHIONINE**
[72] SCHOETTLE, ISABELL, DE
[72] HAGENDORF, ANNIKA, DE
[72] FUERST, CHRISTIANE, DE
[72] HAUCK, GERRIT, DE
[72] SIEFKE-HENZLER, VERENA, DE
[72] KAMM, WALTER, DE
[72] SCHNIEDERS, JULIA, DE
[73] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[25] EN
[54] **PARTICULATE, HETEROGENEOUS SOLID CO2 ABSORBENT COMPOSITION, METHOD FOR ITS PREPARATION AND USE THEREOF**
[54] **COMPOSITION PARTICULAIRE HETEROGENE SOLIDE CAPABLE D'ABSORBER LE CO2, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] MASTIN, JOHAN, NO
[72] MEYER, JULIEN, NO
[72] RAAHEIM, ARNE, NO
[73] INSTITUTT FOR ENERGITEKNIKK, NO
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[54] **STRUCTURE DE BATIMENT COMPRENANT UN BALCON**
[72] RAHIMZADEH, HOUSH, US
[72] RAHIMZADEH, MARC, US
[73] DIVERSAKORE LLC, US
[85] 2012-01-06
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[54] **SELECTION DE MEDICAMENTS POUR LA THERAPIE D'UN CANCER GASTRIQUE AU MOYEN DE RESEAUX A BASE D'ANTICORPS**
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[72] KIM, PHILLIP, US
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[54] **SYSTEME ET PROCEDE PERMETTANT DE COMMANDER ET DE DISTRIBUER DES CONTENUS MEDIAS**
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[72] THOMAS, BARRY D., US
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[54] **DISPOSITIF ELECTRONIQUE ET PROCEDE D'AFFICHAGE DE L'INFORMATION SELON LES ELEMENTS SAISIS**
[72] LAZARIDIS, MIHAL, CA
[72] YACH, DAVID PAUL, CA
[72] LINDSAY, DONALD JAMES, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE DE PREPARATION DE POUDRE DE LAIT VERT**
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[54] **DISPOSITIF PORTATIF MUNI D'UN MODULE DE COMMANDE ET D'UN MODULE DE STATION D'ANCRAGE**
[72] KUDRNA, PAUL JOHN, US
[72] FINNEY, BENJAMIN MICHAEL, US
[72] SZCZYPINSKI, DAVID KAZMIERZ, US
[72] LOS, OLEG, US
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[54] **APPARATUS AND METHOD FOR FORMING AN ANTIPOLLUTION DEVICE HOUSING**
[54] **APPAREIL ET PROCEDE DE FORMATION D'UN BOITIER DE DISPOSITIF ANTIPOLLUTION**
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[54] **MACHINE A LAVER, PAR EXEMPLE LAVE-VAISSELLE OU LAVE-LINGE, ET PROCEDE D'UTILISATION D'UNE MACHINE A LAVER**
[72] PERS, PER-ERIK, SE
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[73] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
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[54] **ASSEMBLAGE DE DENT DESTINE A L'ACCOUPLEMENT AMOVIBLE D'UNE DENT A UN ADAPTATEUR**
[72] CLENDENNING, CHARLES, US
[72] DRAKE, RUSSELL N., US
[72] LAUNDER, BRIAN L., US
[73] H & L TOOTH COMPANY, US
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[72] YAMANDA, YASUTAKE, US
[72] TRASK, LINDA, US
[73] TERUMO MEDICAL CORPORATION, US
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[54] **CORRECTION MULTIFOCALE ASSURANT UNE QUALITE AMELIOREE DE LA VISION**
[72] BRADLEY, ARTHUR, US
[72] KOLLBAUM, PETE S., US
[72] THIBOS, LARRY N., US
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[54] **DISPOSITIF DE STOCKAGE ELECTRIQUE ET SON ELECTRODE**
[72] LAM, LAN TRIEU, AU
[72] LOUEY, ROSALIE, AU
[72] VELLA, DAVID, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[54] **METHOD FOR PRODUCING HYBRID NEGATIVE PLATE FOR LEAD-ACID STORAGE BATTERY AND LEAD-ACID STORAGE BATTERY**
[54] **BATTERIE AU PLOMB-ACIDE ET PROCEDE POUR FABRIQUER UNE PLAQUE DE CONDENSATEUR NEGATIVE COMPOSITE DESTINEE A ETRE UTILISEE DANS UNE BATTERIE AU PLOMB-ACIDE**
[72] FURUKAWA, JUN, JP
[72] MONMA, DAISUKE, JP
[72] TAKADA, TOSHIMICHI, JP
[72] AKASAKA, YUICHI, JP
[72] SHIBATA, SATOSHI, JP
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[54] **ENSEMBLE D'OUTIL MECANIQUE ET SYSTEME DE TRANSPORT**
[72] HOCHE, FLORIAN, DE
[72] HAEBERLEIN, JUERGEN, DE
[72] BEHRINGER, PATRICK, DE
[73] ANDREAS STIHL AG & CO. KG, DE
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[54] **PROCEDES DE PREVENTION ET DE TRAITEMENT D?UNE ISCHEMIE CEREBRALE**
[72] MILLER, GUY M., US
[72] KHEIFETS, VIKTORIA, US
[73] BIOELECTRON TECHNOLOGY CORPORATION, US
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[54] **EMBALLAGE POUR LA CUISSON A MICRO-ONDE ET ENSEMBLE EVENT POUR CELUI-CI**
[72] FRANCE, DAVID W., US
[72] GORMAN, CHARLES THOMAS, US
[72] LACHMANSINGH, CLIFTON, US
[72] WAROSH, PAUL JOHN, US
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[54] **CONJUGUES ACIDES GRAS NIACINE ET LEURS UTILISATIONS**
[72] MILNE, JILL C., US
[72] JIROUSEK, MICHAEL R., US
[72] BEMIS, JEAN E., US
[72] VU, CHI B., US
[73] CATABASIS PHARMACEUTICALS, INC., US
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[54] **OUTIL DE FORMATION ET DE MAPPAGE DE ROLES**
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[72] GOBRAN, TIMOTHY L., US
[72] SINGH, RANJIT A., IN
[72] POTTER, EMMA C., GB
[72] GOSAI, BHARAT, GB
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **CONTAINER STORAGE AND RETRIEVAL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE STOCKAGE ET DE RETRAIT DE CONTENEURS**
[72] BAKER, JOHN RUSSELL, NZ
[73] SODIUM LIMITED, NZ
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[54] **CONTROLLED TUNNEL GAP DEVICE FOR SEQUENCING POLYMERS**
[54] **DISPOSITIF A ECARTEMENT TUNNEL REGULE POUR LE SEQUENCAGE DE POLYMERES**
[72] LINDSAY, STUART, US
[72] CHANG, SHUAI, US
[72] HE, JIN, US
[72] ZHANG, PEIMING, US
[72] HUANG, SHUO, US
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[54] **APPARATUS, SYSTEM AND METHOD FOR PROVIDING LASER STEERING AND FOCUSING FOR INCISION, EXCISION AND ABLATION OF TISSUE IN MINIMALLY-INVASIVE SURGERY**
[54] **APPAREIL, SYSTEME ET PROCEDE DE PILOTAGE ET DE FOCALISATION D'UN LASER POUR L'INCISION, L'EXCISION ET L'ABLATION DE TISSU EN CHIRURGIE MINI-INVASIVE**
[72] TOLEDO-CROW, RICARDO, US
[72] PATEL, SNEHAL, US
[72] RAJADHYAKSHA, MILIND, US
[73] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[54] **IMPROVEMENTS IN FUEL OILS**
[54] **COMPOSITIONS AMELIOREES POUR LE MAZOUT**
[72] PASTORINO, ANDREA, GB
[72] MORTON, KEVIN, GB
[73] INFINEUM INTERNATIONAL LIMITED, GB
[86] (2774619)
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[54] **APPAREIL DE LUMINOTHERAPIE A LAMPE OSCILLANTE**
[72] KIREMITCI, KIRKOR, CA
[73] KIREMITCI, KIRKOR, CA
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[54] **PROCEDE, SYSTEME ET DISPOSITIF D'ASSISTANCE CARDIAQUE**
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[73] MEDICALTREE PATENT LTD., MT
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[54] **ANCRAGE AMORTISSANT LES CHOCS POUR BARRIERE PROTECTRICE**
[72] MCCUE, DAVID S., US
[72] HILD, BRENT, US
[72] MESA, TEODORO A., US
[72] FITCH, THOMAS C., US
[73] MCCUE CORPORATION, US
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[54] **SYSTEM AND RELATED METHOD FOR DIGITAL ATTITUDE MAPPING**
[54] **SYSTEME ET PROCEDE ASSOCIE POUR MAPPAGE D'ATTITUDE NUMERIQUE**
[72] SNELL, PETER S., US
[73] SNELL, PETER S., US
[85] 2012-04-11
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[25] FR
[54] **ENZYME METHOD OF EXTRACTING OILS AND PROTEINS FROM VEGETABLE MATTER IN AN AQUEOUS MEDIUM**
[54] **PROCEDE D'EXTRACTION ENZYMATIQUE EN MILIEU AQUEUX D'HUILES ET DE PROTEINES A PARTIR DE MATIERE VEGETALE**
[72] MUNIGLIA, LIONEL, FR
[72] GIRARDIN, MICHEL, FR
[72] PIFFAUT, BERNADETTE, FR
[72] RICOCHON, GUILLAUME, FR
[73] LA SOCIETE BIOLIE, FR
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[54] **DISPOSITIF ET PROCEDE DE COUPE DE GLACE D'ALLEE DE CURLING**
[72] WOOD, WILLIAM W., CA
[72] KORTEBEIN, CYNTHIA J., US
[73] GUSPRO INC., CA
[86] (2778027)
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[54] **DISPOSITIF D'INFUSION ET PROCEDE D'EXTRACTION D'UNE DOSETTE**
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[73] EUGSTER / FRISMAG AG ELEKTROHAUSHALTGERATE, CH
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[72] KRAMER, NIKLAS, DE
[72] FRONIUS, JUERGEN, DE
[73] KOMET GROUP GMBH, DE
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[30] DE (10 2010 052 556.1) 2010-11-25
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[72] PUERTA, DAVID, US
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[54] **SYSTEME SPATIAL HYBRIDE BASE SUR UNE CONSTELLATION DE SATELLITES EN ORBITE BASSE AGISSANT COMME REPETEURS SPATIAUX POUR AMELIORER L'EMISSION ET LA RECEPTION DE SIGNAUX GEOSTATIONNAIRES**
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[72] BAISHYA, GAKUL, IN
[72] BARUA, NABIN CHANDRA, IN
[72] GOSWAMI, ABHISHEK, IN
[72] SAIKIA, PARTHA PRATIM, IN
[72] RAO, PARUCHURI GANGADHAR, IN
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[54] **TRANSFERRINE DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT ET/OU LA PROPHYLAXIE DE MALADIES AUTO-IMMUNES**
[72] FARINA, CLAUDIO, IT
[72] ASCIONE, ESTER, IT
[72] GIOVACCHINI, PIERANGELO, IT
[72] NICOLETTI, FERDINANDO, IT
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[72] STADELMEIER, LOTHAR, DE
[72] ROBERT, JOERG, DE
[72] ATUNGSIRI, SAMUEL ASANGBENG, GB
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[73] DOW AGROSCIENCES LLC, US
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[73] NESTEC S.A., CH
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[54] **BARRIERES ARCHITECTURALES ATTENUANT LES MICROBES, COMPOSITIONS POUR FORMER DE TELLES BARRIERES ET PROCEDES APPARENTES**
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[72] BORENSTEIN, LIONEL, CA
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[72] HIMMLER, THOMAS, DE
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[54] **COMPOSES D'IMIDAZO[1,2-A]PYRIDINE SUBSTITUE ET LEUR UTILISATION POUR LE TRAITEMENT D'INFECTIONS BACTERIENNES**
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[72] BRODIN, PRISCILLE, FR
[72] SEO, MIN JUNG, KR
[72] KIM, YOUNG MI, KR
[72] CECHETTO, JONATHAN, KR
[72] JEON, HEEKYOUNG, KR
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[72] LEE, SAEYEON, KR
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[72] EWANN, FANNY ANNE, KR
[72] NAM, JI YOUN, KR
[72] CHRISTOPHE, THIERRY, FR
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[54] **PROCEDE ET SYSTEME POUR DETERMINER LE RENDEMENT DE COURANT D'UNE UNIQUE CELLULE DANS UN ELECTROLYSEUR**
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[72] LADEMANN, HELMUT, DE
[72] BERRIAH, SAID, CA
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[72] MILLER, DUANE D., US
[72] KEARBEY, JEFFREY, US
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[72] MORTON, DANIEL, GB
[73] EMORY UNIVERSITY, US
[73] HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE, US
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[73] UNITIKA LTD., JP
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[54] **APPAREIL A BOITIERS OPPOSES POUR EMBALLAGE SOUS ATMOSPHERE MODIFIEE DE PRODUITS DISPOSES DANS DES PLATEAUX**
[72] VACCARI, MASSIMILIANO, IT
[72] SCHIAVINA, ANDREA, IT
[73] GRUPPO FABBRI VIGNOLA S.P.A., IT
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[72] KATZ-JAFFE, MANDY, US
[72] MCREYNOLDS, SUSANNA, US
[73] FERTILITY LAB SCIENCES, LLC, US
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[54] **PROCEDES, SYSTEMES ET APPAREIL PERMETTANT LA DETECTION, LE DIAGNOSTIC ET LE TRAITEMENT DE TROUBLES DU RYTHME BIOLOGIQUE**
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[72] SEHRA, RUCHIR, US
[73] TOPERA, INC., US
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[54] **AMELIORATIONS CONCERNANT LA PRISE EN CONSIDERATION DE PREUVES**
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[73] LGC LIMITED, GB
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[72] TADLOCK, ROBERT, US
[72] WHITE, JOHN, US
[72] GURLEY, JASON, US
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[72] PATTERSON, WADE, US
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[72] ROBINSON, MICHAEL R., US
[72] BURKE, JAMES A., US
[73] ALLERGAN, INC., US
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[73] PERKINELMER HEALTH SCIENCES, INC., US
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[54] **CATHETER DE GUIDAGE A PROFIL BAS POUR APPLICATIONS NEUROVASCULAIRES**
[72] WILLIAMS, ERIC, US
[72] HORTON, JOSEPH A., US
[72] ECHARRI, ROBERTO, US
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[54] **DIFFUSEUR D'AIR ET SYSTEME DE CIRCULATION D'AIR**
[72] BADENHORST, SEAN MICHAEL JOHL, AU
[73] KAIP PTY LIMITED, AU
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[54] **PROCEDE ET APPAREIL D'IMPRESSION DE REPERES RADIO-OPAQUES**
[72] FISHER, MARK, US
[72] HAWLEY, RAYMOND D., III, US
[73] MEDICAL COMPONENTS, INC., US
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[72] PALZER, STEFAN, GB
[72] BAUER, WERNER, CH
[72] CHISHOLM, HELEN, CH
[72] NIEDERREITER, GERHARD, CH
[72] BOVET, NICOLAS, CH
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[54] **POLYMER-BONDED METALLIC ELEMENTS USED AS STRENGTH MEMBERS, AND/OR POWER OR DATA CARRIERS IN OILFIELD CABLES**
[54] **ELEMENTS METALLIQUES LIES PAR POLYMERE UTILISES COMME ELEMENTS DE RESISTANCE ET/OU DE TRANSPORT D'ENERGIE OU DE DONNEES DANS DES CABLES D'EQUIPEMENT PETROLIER**
[72] VARKEY, JOSEPH, US
[72] YUN, JUSHIK JAY, US
[72] UNAL, BURCU, US
[72] VANEGAS, RICARDO, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **PROCEDE POUR UNE EVAPORATION PAR ETINCELLE AVEC DES CIBLES CERAMIQUES**
[72] LECHTHALER, MARKUS, AT
[73] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
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[25] FR
[54] **NOVEL MUTATED HUMANIZED 12G4 ANTIBODIES AND THE FRAGMENTS THEREOF AGAINST THE HUMAN ANTI-MULLERIAN HORMONE RECEPTOR TYPE II**
[54] **NOUVEAUX ANTICORPS HUMANISES 12G4 MUTES ET LEURS FRAGMENTS DIRIGES CONTRE LE RECEPTEUR HUMAIN DE L'HORMONE ANTI-MULLERIENNE DE TYPE II**
[72] BEHRENS, CHRISTIAN, FR
[72] NAVARRO-TEULON, ISABELLE, FR
[73] I.N.S.E.R.M. (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR
[73] UNIVERSITE DE MONTPELLIER, FR
[73] ICM INSTITUT REGIONAL DU CANCER DE MONTPELLIER, FR
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[54] **TREATMENT OF PAR4 RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO PAR4**
[54] **TRAITEMENT DES MALADIES ASSOCIEES A PAR4 PAR INHIBITION DU PRODUIT DE TRANSCRIPTION ANTISENS NATUREL DE PAR4**
[72] COLLARD, JOSEPH, US
[72] KHORKOVA SHERMAN, OLGA, US
[73] CURNA, INC., US
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[54] **METHOD AND APPARATUS FOR REPRODUCING STEREOPHONIC SOUND**
[54] **PROCEDE ET APPAREIL DE REPRODUCTION DE SON STEREOPHONIQUE**
[72] KIM, SUN-MIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2012-11-05
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[54] **FORMULATIONS RESISTANTES A L'ALCOOL**
[72] HAMED, EHAB, US
[73] CIMA LABS INC., US
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[54] **METHOD AND DEVICE FOR THREE-STAGE ATRIAL CARDIOVERSION THERAPY**
[54] **METHODE ET DISPOSITIF UTILISES POUR UN TRAITEMENT DE CARDIOVERSION AURICULAIRE EN TROIS ETAPES**
[72] EFIMOV, IGOR R., US
[72] FEDOROV, VADIM V., US
[72] RIPPLINGER, CRYSTAL M., US
[72] FOYIL, KELLEY V., US
[72] AMBROSI, CHRISTINA M., US
[73] THE WASHINGTON UNIVERSITY, US
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[54] **INCORPORATION D'UNE NOTIFICATION DANS UN NOM DE RESEAU**
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[72] KHOLAIF, AHMAD MOHAMMAD, CA
[72] MCCANN, STEPHEN, GB
[73] BLACKBERRY LIMITED, CA
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[72] BOLLINGER, STEPHEN A., US
[72] KANNER, GLENN, US
[73] THE STORK IB2C, INC., US
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[54] **NOVEL DERIVATIVES OF MESALAZINE, PROCESS FOR THEIR PREPARATION AND THEIR USE IN THE TREATMENT OF INTESTINAL INFLAMMATORY DISEASES**
[54] **NOUVEAUX DERIVES DE MESALAZINE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES INTESTINALES**
[72] LABRUZZO, CARLA, IT
[73] SOFAR SPA, IT
[85] 2012-11-19
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[25] EN
[54] **EFFICIENT LOW RANK COAL GASIFICATION, COMBUSTION, AND PROCESSING SYSTEMS AND METHODS**
[54] **PROCEDES ET SYSTEMES EFFICACES DE GAZEIFICATION, DE COMBUSTION, ET DE TRAITEMENT D'UN CHARBON DE RANG BAS**
[72] BLAND, ALAN E., US
[72] SELLAKUMAR, KUMAR MUTHUSAMI, US
[72] NEWCOMER, JESSE D., US
[73] THE UNIVERSITY OF WYOMING RESEARCH CORPORATION, US
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[25] EN
[54] **HIGH TEMPERATURE ELECTROLYSER (EHT) HAVING A STACK OF ELECTROLYSIS CELLS WITH IMPROVED OPERATIONAL SAFETY AND HIGH EFFICIENCY**
[54] **ELECTROLYSEUR A HAUTE TEMPERATURE (EHT) A EMPILEMENT DE CELLULES D'ELECTROLYSE A SURETE DE FONCTIONNEMENT AMELIOREE ET RENDEMENT ELEVE**
[72] LE GALLO, PATRICK, FR
[72] SARRO, JEAN-LUC, FR
[72] PLANQUE, MICHEL, FR
[72] REYTIER, MAGALI, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **DIGITAL BROADCASTING TRANSMITTER, DIGITAL BROADCASTING RECEIVER, AND STREAM CONFIGURATION AND METHOD FOR PROCESSING SAME**
[54] **EMETTEUR DE DIFFUSION NUMERIQUE, RECEPTEUR DE DIFFUSION NUMERIQUE ET CONFIGURATION D'UN FLUX ET PROCEDE DE TRAITEMENT ASSOCIE**
[72] JEONG, JIN-HEE, KR
[72] KIM, JUNG-JIN, KR
[72] KWON, YONG-SIK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **NOVEL SPIROHETEROCYCLIC COMPOUNDS AS MGLU5 ANTAGONISTS**
[54] **NOUVEAUX COMPOSES SPIROHETEROCYCLIQUES EN TANT QU'ANTAGONISTES DE MGLU5**
[72] LEONARDI, AMEDEO, IT
[72] MOTTA, GIANNI, IT
[72] RIVA, CARLO, IT
[72] GUARNERI, LUCIANO, IT
[72] GRAZIANI, DAVIDE, IT
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[72] KARAMFILOVA, KATIA DIMITROVA, IT
[73] RECORDATI IRELAND LIMITED, IE
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[54] **NOUVEL ANTICORPS ANTI-CMET**
[72] GOETSCH, LILIANE, FR
[72] WURCH, THIERRY, FR
[72] BES, CEDRIC, FR
[73] PIERRE FABRE MEDICAMENT, FR
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[54] **RECUPERATION DE PETROLE**
[72] POINDEXTER, MICHAEL K., US
[72] KUHLMAN, ROGER L., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **METHOD AND SYSTEM FOR REMOVING RETENTATE FROM FILTERS**
[54] **PROCEDE ET SYSTEME POUR ELIMINER LE RETENTAT DES FILTRES**
[72] SAPPOK, ALEXANDER, US
[72] BROMBERG, LESLIE, US
[73] FILTER SENSING TECHNOLOGIES, INC., US
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[54] **LAMINAR AIR FLOW CAGE CHANGING CABIN MADE OF PLASTIC MATERIAL**
[54] **CABINET DE CHANGEMENT DE CAGE A FLUX D'AIR LAMINAIRE CONSTITUE DE MATIERE PLASTIQUE**
[72] TARTAGLIA, GIOVANNI, IT
[72] MAZZUCCHELLI, ANDREA, IT
[73] TECNIPLAST S.P.A., IT
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[54] **THERMAL STORAGE DEVICE CONTROLLER**
[54] **CONTROLEUR POUR DISPOSITIFS DE STOCKAGE THERMIQUE**
[72] MCDONALD, ALAN, GB
[73] BASIC HOLDINGS, IE
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[25] EN
[54] **TRIAZOLOPYRIDINONE COMPOUNDS AS ION CHANNEL MODULATORS**
[54] **COMPOSES DE TRIAZOLOPYRIDINONE COMME MODULATEUR DE CANAL IONIQUE**
[72] KOBAYASHI, TETSUYA, US
[72] KOLTUN, DMITRY, US
[72] NOTTE, GREGORY, US
[72] PARKHILL, ERIC, US
[72] ZABLOCKI, JEFF, US
[73] GILEAD SCIENCES, INC., US
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[25] EN
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[54] **DETECTION D'ISOLATION ELECTRIQUE A PLAGE DYNAMIQUE AMELIOREE**
[72] SCHUMACHER, RYAN W., US
[72] WHITE, PERRY K., US
[73] DEERE & COMPANY, US
[85] 2012-12-12
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[54] **FORME CRISTALLINE DE CHLORURE DE GLYCOPYRRONIUM**
[72] PIVETTI, FAUSTO, IT
[72] BOCCHI, MONICA, IT
[72] VIGANO', ENRICO, IT
[72] LANDONIO, ERNESTO, IT
[73] CHIESI FARMACEUTICI S.P.A., IT
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[54] **TPMS AND SMART ENTRY SYSTEM**
[54] **TPMS ET SYSTEME D'ENTREE ET SYSTEME D'ACCES INTELLIGENT**
[72] LICKFELT, BRIAN K., US
[72] ARAI, HIDEAKI, US
[72] STROCK, NICKY, US
[73] HONDA MOTOR CO., LTD., JP
[85] 2012-12-14
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[30] US (61/354,809) 2010-06-15
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[54] **NON-ENERGETICS BASED DETONATOR**
[54] **DETONATEUR A BASE DE MATERIAUX NON ENERGETIQUES**
[72] BACKHUS, ROGER F., US
[72] GIVENS, RICHARD W., US
[72] KLEIN, JEROME A., US
[72] LOESER, RONALD L., US
[72] PAUGH, JASON E., US
[72] VANCLEAVE, WALTER G., III, US
[72] ZIMMER, ISAAC THOMAS, US
[73] BATTELLE MEMORIAL INSTITUTE, US
[85] 2012-12-14
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[54] **DEVICE AND METHOD FOR THE PREPARATION OF RADIOCHEMICAL COMPOUNDS**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION DE COMPOSES RADIOCHIMIQUES**
[72] MUELLER, MARCO, DE
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[73] ABX ADVANCED BIOCHEMICAL COMPOUNDS GMBH, DE
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[72] CHENG, SHUJIANG, US
[73] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[54] **PROCEDE ET SYSTEME DE DISSUASION D'ANIMAUX**
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[73] INVISI SHIELD LIMITED, NZ
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[54] **DISPOSITIF DE COMMANDE DE TRANSFERT DE COUPLE ET DE ROTATION D'UN MANDRIN ROTATIF A UN ACIER DE FORAGE**
[72] OESTLING, THOMAS, SE
[72] GOETHLIN, LINDA, SE
[73] EPIROC ROCK DRILLS AKTIEBOLAG, SE
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[54] **MODULES DE CENTRE DE DONNEES VERTICALES PREFABRIQUES ET METHODE DE DEPLOIEMENT A GRANDE ECHELLE**
[72] PARIZEAU, MARC, CA
[72] MATEU-HUON, ERIC, CA
[72] SAVARD, PHILIPPE, CA
[73] VERT.COM, INC., CA
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[54] **COMPOSITION DE COMPLEXE D'ORGANOAMINE INSATUREE DE PALLADIUM ET NANOPARTICULES DE PALLADIUM**
[72] WU, YILIANG, CA
[73] XEROX CORPORATION, US
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[54] **PROCEDE DE REDUCTION DE L'EBLOUISSEMENT D'UN RECEPTEUR AU SEIN D'UN SYSTEME, NOTAMMENT DE GEOLOCALISATION**
[72] VERVISCH-PICOIS, ALEXANDRE, FR
[72] SAMAMA, NEL, FR
[73] INSTITUT-TELECOM/TELECOM SUDPARIS, FR
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[54] **PROCEDE D'ASSEMBLAGE D'UNE STRUCTURE DE CONSTRUCTION TUBULAIRE A L'AIDE DE MANCHONS A VIS**
[72] ANDRESEN, TOM, DK
[73] VESTERVANGEN HOLDING A/S, DK
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[54] **NACELLE ELEVATRICE DOTEE D'UN DISPOSITIF DE SECURITE**
[72] GALE, KEVIN JOHNATHAN, GB
[72] STARCK, ALLAN MALCOLM, GB
[72] CUMMINGS, PAUL, GB
[73] BLUESKY SOLUTIONS LIMITED, GB
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[54] **CORDON DE TIRAGE SE TROUVANT SUR UN CAISSON ET DESTINE A MAN□UVRER UN STORE MOTORISE**
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[72] BOHLEN, JORG, DE
[73] HUNTER DOUGLAS INDUSTRIES B.V., NL
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[54] **PROCEDES DE PREPARATION DE PROMEDICAMENTS AU PHOSPHORAMIDATE PUR AU PLAN DIASTEREOMERE**
[72] CHO, AESOP, US
[72] WOLCKENHAUER, SCOTT ALAN, US
[72] CLARKE, MICHAEL O'NEIL HANRAHAN, US
[73] GILEAD SCIENCES, INC., US
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[54] **COMPRIME SE DESINTEGRANT ORALEMENT**
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[72] OGAWA, TEPPEI, JP
[73] TEIJIN PHARMA LIMITED, JP
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[54] **FORMULATION FOR CO-THERAPY TREATMENT OF DIABETES**
[54] **FORMULATION POUR LE TRAITEMENT PAR CO-THERAPIE DU DIABETE**
[72] DELAET, URBAIN ALFONS CLEMENTINA, BE
[72] FAURE, ANNE, BE
[72] HEYNS, PHILIP ERNA HORTENTIA GILBERT, BE
[72] JANS, EUGEEN MARIA JOZEF, BE
[72] RAILKAR, ANIRUDDHA, US
[73] JANSSEN PHARMACEUTICA NV, BE
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[54] **SYNTHESE DE 2'-DESOXY-2'-[18F]FLUORO-5-METHYL-1-B-D-ARABINOFURANOSYLURACIL (18F-FMAU)**
[72] LI, ZIBO, US
[72] CAI, HANCHENG, US
[72] CONTI, PETER S., US
[73] UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[72] TAVEAU, SEBASTIEN, US
[72] NAAMAN, NADAV, IL
[73] PAYPAL, INC., US
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[54] **PROCEDE DE FABRICATION D'UN ADHESIF PAR EXTRUSION**
[72] KASPER, DIRK, DE
[72] HOFFMANN, KNUT, DE
[72] PADURSCHEL, PETRA, DE
[72] MOELLER, THOMAS, DE
[72] HOFFMANN, GUNTER, DE
[72] LOTZ, JUERGEN, DE
[72] ROMAGUERA MATAS, JORDI, DE
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[54] **PROCEDE DE DISSOLUTION DES MATERIAUX LIGNOCELLULOSIQUES**
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[72] KILPELAINEN, ILKKA, FI
[73] STORA ENSO OYJ, FI
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[54] **SCALE BASED LOAD LIMITING FOR REFUSE VEHICLES**
[54] **LIMITATION DE CHARGE DE BENNES A ORDURE A L'AIDE D'UNE BALANCE**
[72] WHITFIELD, RALPH WALDO, JR., US
[72] KELWASKI, HERMAN EDWARD, US
[73] THE HEIL CO., US
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[54] **THERAPEUTICALLY ACTIVE COMPOSITIONS AND THEIR METHODS OF USE**
[54] **COMPOSITIONS THERAPEUTIQUEMENT ACTIVES ET METHODE D'UTILISATION CORRESPONDANTE**
[72] POPOVICI-MULLER, JANETA, US
[72] SALITURO, FRANCESCO G., US
[72] SAUNDERS, JEFFREY O., US
[72] TRAVINS, JEREMEY M., US
[72] YAN, SHUNQI, US
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[54] **APPAREIL A TUBE ET PROCEDES ASSOCIES**
[72] BECK, LEIGH, GB
[72] NICOL, COLIN, GB
[73] HELIX ENERGY SOLUTIONS (UK) LIMITED, GB
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[54] **PROCEDE DE TRAITEMENT D'IMAGE**
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[72] SHERRIFF, ANDREW JOHN, GB
[72] TOWNSEND, PHILIP NATHAN, GB
[73] MBDA UK LIMITED, GB
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[54] **DISPOSITIF DE FIXATION**
[72] KAMMERER, BERNHARD, AT
[73] FACC AG, AT
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[54] **METHOD AND APPARATUS FOR BIOMASS PYROLYSIS GASIFICATION VIA TWO INTERCONNECTED FURNACES**
[54] **TECHNIQUE ET DISPOSITIF POUR LA GAZEIFICATION PAR PYROLYSE PAR CORPS ASSEMBLE A DOUBLE FOUR DE BIOMASSE**
[72] TANG, HONGMING, CN
[72] ZHANG, YANFENG, CN
[72] CHEN, YILONG, CN
[73] SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD., CN
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[72] SPENCER, ZACHARY B., US
[72] BALASKI, TRAVIS, CA
[73] FERUS INC., CA
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[54] **METHODS AND APPARATUS TO DETECT AND WARN PROXIMATE ENTITIES OF INTEREST**
[54] **PROCEDE ET APPAREIL POUR DETECTER ET AVERTIR DES ENTITES D'INTERET A PROXIMITE**
[72] BEGGS, RYAN P., US
[72] BOERGER, JAMES C., US
[72] HOFFMANN, DAVID J., US
[72] MARKHAM, KEN, US
[72] MCNEILL, MATTHEW, US
[72] MUHL, TIMOTHY, US
[72] NELSON, KYLE, US
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[72] SENFLEBEN, JASON, US
[73] RITE-HITE HOLDING CORPORATION, US
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[54] **COMPOSANTS TIBIAUX ASYMETRIQUES POUR PROTHESE DU GENOU**
[72] WENTORF, MARY S.S., US
[72] BISCHOFF, JEFFREY E., US
[72] RETTIG, KATHERINE M., US
[72] PARISI, RAYMOND C., US
[73] ZIMMER, INC., US
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[54] **USE OF SUCCINATE DEHYDROGENASE INHIBITORS AND/OR RESPIRATORY CHAIN COMPLEX III INHIBITORS FOR IMPROVING THE RATIO OF HARMFUL TO BENEFICIAL MICROORGANISMS**
[54] **UTILISATION D'INHIBITEURS DE LA SUCCINATE DESHYDROGENASE ET/OU D'INHIBITEURS DU COMPLEXE III DE LA CHAINE RESPIRATOIRE POUR L'AMELIORATION DU RAPPORT DES MICROORGANISMES DANGEREUX A BENEFIQUES**
[72] FOUGHT, LORIANNE, US
[72] YOUNG, HERBERT, US
[72] MUSSON, GEORGE, US
[72] LABOURDETTE, GILBERT, FR
[72] STEIGER, DOMINIQUE, DE
[72] RIECK, HEIKO, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[54] **COMPOUND USEFUL FOR THE TREATMENT OF NONSENSE-MUTATION-MEDIATED DISEASES AND PHARMACEUTICAL COMPOSITION COMPRISING SAID COMPOUND**
[54] **COMPOSE UTILE POUR LE TRAITEMENT DE MALADIES MEDIEES PAR UNE MUTATION NON-SENS ET COMPOSITION PHARMACEUTIQUE COMPRENANT LEDIT COMPOSE**
[72] LEJEUNE, FABRICE, FR
[72] DEPREZ, BENOIT, FR
[72] BEGHYN, TERENCE, FR
[72] GONZALEZ-HILARION, SARA SOFIA, FR
[73] INSTITUT PASTEUR DE LILLE, FR
[73] UNIVERSITE DE DROIT ET SANTE DE LILLE, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
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[54] **SYSTEME ET PROCEDE DE COMMANDE D'ENSEMENCEMENT**
[72] BAURER, PHIL, US
[72] BEYER, KEITH, US
[72] SCHLIPF, BEN, US
[72] KOCH, JUSTIN, US
[73] PRECISION PLANTING LLC, US
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[54] **APPAREIL DE FORMAGE**
[72] BARTOLI, ANDREA, IT
[72] TRALDI, FLAVIO, IT
[73] SARONG SOCIETA' PER AZIONI, IT
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[54] **IMPROVED FERMENTATION PROCESS FOR THE PRODUCTION OF ORGANIC ACIDS**
[54] **PROCEDE DE FERMENTATION AMELIORE UTILISABLE EN VUE DE LA PRODUCTION D'ACIDES ORGANIQUES**
[72] HERMANN, THERON, US
[72] REINHARDT, JAMES, US
[72] YU, XIAOHUI, US
[72] UDANI, RUSSELL, US
[72] STAPLES, LAUREN, US
[73] MYRIANT CORPORATION, US
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[72] DORN, JAMES CHRISTOPHER, US
[73] PLASTIPAK PACKAGING, INC., US
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[25] FR
[54] **METHOD FOR MOUNTING SHIELDING ON A TURBINE CASING, AND MOUNTING ASSEMBLY FOR IMPLEMENTING SAME**
[54] **PROCEDE D'ACCROCHAGE DE BLINDAGE SUR CARTER DE TURBINE ET ENSEMBLE D'ACCROCHAGE POUR SA MISE EN OEUVRE**
[72] SAHORES, JEAN-LUC PIERRE, FR
[72] JAUREGUIBERRY, CAROLE, FR
[72] CASAUX-BIC, JEAN-MAURICE, FR
[72] DESCUBES, OLIVIER PIERRE, FR
[73] TURBOMECA, FR
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[54] **METHOD FOR THE INDUCTION BRAZING OF PARTS HAVING COMPLEX SHAPES, AND SINGLE OR MULTIPLE BRAZING STATION FOR IMPLEMENTING SAME**
[54] **PROCEDE DE BRASAGE PAR INDUCTION DE PIECES DE FORME COMPLEXE, ET POSTE DE BRASAGE SIMPLE ET MULTIPLE DE MISE EN OEUVRE**
[72] MARTIN, AMANDA, FR
[73] TURBOMECA, FR
[85] 2013-01-17
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[54] **SYSTEME DE RAYONNAGE POUR LE STOCKAGE DE PRODUITS A STOCKER**
[72] HANEL, JOACHIM, DE
[73] HANEL & CO., CH
[85] 2013-02-20
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[54] **ELECTRONICALLY CONTROLLED FIXATION LIGHT FOR OPHTHALMIC IMAGING SYSTEMS**
[54] **POINT LUMINEUX COMMANDE DE MANIERE ELECTRONIQUE DESTINE A DES SYSTEMES D'IMAGERIE OPHTALMIQUES**
[72] JUHASZ, TIBOR, US
[72] HOLLAND, GUY, US
[72] RAKSI, FERENC, US
[73] ALCON LENSX, INC., US
[85] 2013-02-21
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[54] **ELECTROSTATIC SEPARATION CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE SEPARATION ELECTROSTATIQUE**
[72] MACKAY, BRUCE E., US
[72] SERT, BULENT, US
[73] SEPARATION TECHNOLOGIES LLC, US
[85] 2013-02-22
[86] 2011-09-01 (PCT/US2011/050148)
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[54] **APPARATUS AND METHOD FOR IMAGING FEET**
[54] **APPAREIL ET METHODE D'IMAGERIE DES PIEDS**
[72] SMITH, CHRISTOPHER E., US
[73] NORTHWEST PODIATRIC LABORATORY, INC., US
[85] 2013-02-27
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[54] **USE OF INTERLEUKIN-22 IN TREATING VIRAL HEPATITIS**
[54] **UTILISATION D'INTERLEUKINE 22 DANS LE TRAITEMENT D'UNE HEPATITE VIRALE**
[72] YAN, XIAOQIANG, CN
[72] HUANG, ZHIHUA, CN
[72] YANG, HONGZHOU, CN
[72] HUANG, YULIANG, CN
[73] GENERON (SHANGHAI) CORPORATION LTD., CN
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[54] **ARTICLE AND METHOD FOR STORAGE AND TRANSPORT OF PAINTING IMPLEMENTS DURING USE**
[54] **ARTICLE ET PROCEDE POUR L'ENTREPOSAGE ET LE TRANSPORT D'ARTICLES DE PEINTURE DURANT L'UTILISATION**
[72] ARONOFF, ERIC, CA
[72] DESJARLAIS, PIERRE, CA
[73] 8146896 CANADA INC., CA
[86] (2810454)
[87] (2810454)
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[25] EN
[54] **HYBRID COOPERATIVE COMPLEXES OF HYALURONIC ACID**
[54] **COMPLEXES HYBRIDES COOPERATIFS D'ACIDE HYALURONIQUE**
[72] DE ROSA, MARIO, IT
[72] D'AGOSTINO, ANTONELLA, IT
[72] LA GATTA, ANNALISA, IT
[72] SCHIRALDI, CHIARA, IT
[73] ALTERGON S.A., CH
[85] 2013-03-07
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[25] EN
[54] **DISPLAY DEVICE, IN PARTICULAR FOR COOKTOPS**
[54] **DISPOSITIF D'AFFICHAGE, EN PARTICULIER POUR DES SURFACES DE CUISSON**
[72] WEISS, EVELIN, DE
[72] OHL, GEROLD, DE
[72] ZENKER, THOMAS, DE
[73] SCHOTT AG, DE
[85] 2013-03-12
[86] 2011-12-02 (PCT/EP2011/071631)
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[25] EN
[54] **AIRCRAFT WING AND FIBER METAL LAMINATE FORMING PART OF SUCH AN AIRCRAFT WING**
[54] **AILE D'AVION ET STRATIFIE FIBRES-METAL FAISANT PARTIE DE L'AILE D'AVION**
[72] ALDERLIESTEN, REYNDERT CHRISTIAAN, NL
[72] BENEDICTUS, RINZE, NL
[73] CONSTELLIUM ISSOIRE, FR
[85] 2013-03-14
[86] 2011-10-14 (PCT/NL2011/050705)
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[54] **METHOD FOR THREE-DIMENSIONAL VIEWING**
[54] **PROCEDE POUR VISUALISATION TRIDIMENSIONNELLE**
[72] STEPANOV, VADYM, UA
[73] LULU SOFTWARE, MT
[85] 2013-03-15
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[25] EN
[54] **ACCELERATED REJOINING IN LOW-POWER WIRELESS NETWORKING FOR LOGISTICS AND TRANSPORTATION APPLICATIONS**
[54] **RECONNEXION ACCELEREE EN RESEAUTAGE SANS FIL BASSE PUISSANCE POUR APPLICATIONS DE LOGISTIQUE ET DE TRANSPORT**
[72] BERENBERG, PAUL, US
[72] GOSTEV, ANATOLI, US
[73] CUBIC CORPORATION, US
[85] 2013-03-18
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[54] **CATALYST FOR THE DECOMPOSITION OF NITROGEN PROTOXIDE**
[54] **CATALYSEUR POUR LA DECOMPOSITION DU PROTOXYDE D'AZOTE**
[72] CREMONA, ALBERTO, IT
[72] ESTENFELDER, MARVIN, DE
[72] VOGNA, EDOARDO, IT
[73] SUD-CHEMIE CATALYSTS ITALIA S.R.L., IT
[85] 2013-03-13
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[54] **ASYMMETRIC TRANSLATING PRESBYOPIC CONTACT LENS**
[54] **LENTILLE DE CONTACT PRESBYTIQUE A TRANSLATION ASYMETRIQUE**
[72] ROFFMAN, JEFFREY H., US
[72] JUBIN, PHILIPPE F., US
[72] MENEZES, EDGAR V., US
[72] GERLIGAND, PIERRE Y., US
[72] CLUTTERBUCK, TIMOTHY A., US
[72] CHEHAB, KHALED A., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2013-03-18
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[54] **TRANSLATING PRESBYOPIC CONTACT LENS**
[54] **LENTILLE DE CONTACT PRESBYTIQUE A TRANSLATION**
[72] ROFFMAN, JEFFREY H., US
[72] JUBIN, PHILIPPE F., US
[72] MENEZES, EDGAR V., US
[72] GERLIGAND, PIERRE Y., US
[72] CLUTTERBUCK, TIMOTHY A., US
[72] CHEHAB, KHALED A., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR CALANOLIDES, THEIR DERIVATIVES AND ANALOGUES, AND PROCESS FOR PRODUCING THE SAME**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR CALANOLIDES, LEURS DERIVES ET ANALOGUES, ET PROCEDE DE PRODUCTION ASSOCIE**
[72] PHANG, NYIE LIN, MY
[72] ABDULLAH, ZALIHA CHRISTINE, MY
[73] CRAUN RESEARCH SDN BHD, MY
[85] 2013-03-22
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[54] **CARTER FLEXIBLE**
[72] MENDES, CHRISTOPHE, FR
[73] ZODIAC AEROSAFETY SYSTEMS, FR
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[54] **TISSUE-INTEGRATING SENSORS**
[54] **CAPTEURS D'INTEGRATION DE TISSU**
[72] WISNIEWSKI, NATALIE ANN, US
[72] HELTON, KRISTEN, US
[72] MCMILLAN, WILLIAM A., US
[73] PROFUSA, INC., US
[85] 2013-03-27
[86] 2011-10-06 (PCT/US2011/055157)
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[25] EN
[54] **FUNGAL PEST CONTROLLING COMPOSITION COMPRISING MANDESTROBIN AND SULFOXAFLOR AND METHOD FOR CONTROLLING FUNGAL PESTS**
[54] **COMPOSITION DE CONTROLE DE CHAMPIGNONS NUISIBLES RENFERMANT DE LA MANDESTROBINE ET DU SULFOXAFLOR ET METHODE DE CONTROLE DE CHAMPIGNONS NUISIBLES**
[72] KIGUCHI, SO, JP
[72] TANAKA, SOICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2013-04-02
[86] 2011-10-13 (PCT/JP2011/074092)
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[54] **PARTICULATE DETERGENT COMPOSITIONS COMPRISING FLUORESCER**
[54] **COMPOSITIONS DE DETERGENT PARTICULAIRE COMPRENANT UN AGENT DE FLUORESCENCE**
[72] KENINGLEY, STEPHEN THOMAS, GB
[73] UNILEVER PLC, GB
[85] 2013-04-04
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[54] **NETWORK OPTIMIZATION**
[54] **OPTIMISATION DE RESEAU**
[72] PETERSON, BENJAMIN K., US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2013-04-09
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[25] EN
[54] **SYSTEM AND METHOD FOR OBTAINING A STRUCTURED ADDRESS BY GEOCODING UNSTRUCTURED ADDRESS INFORMATION**
[54] **SYSTEME ET PROCEDE POUR OBTENIR UNE ADRESSE STRUCTUREE PAR GEOCODAGE DE L'INFORMATION RELATIVE A UNE ADRESSE NON STRUCTUREE**
[72] IVERSEN, GRIM HEGLAND, AU
[73] GOOGLE LLC, US
[85] 2013-05-06
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[54] **SABLES ARGILEUX MANUFACTURES POUR COMPOSITIONS DE CIMENT HYDRATABLES**
[72] KYRIAZIS, ARTHUR, AU
[72] PERRY, BRUCE, AU
[72] KOEHLER, ERIC, US
[72] BABLOUZIAN, LEON, US
[73] GCP APPLIED TECHNOLOGIES INC., US
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[54] **LENTILLE ASPHERIQUE GRIN**
[72] BAER, ERIC, US
[72] HILTNER, ANNE P., US
[72] PONTING, MICHAEL T., US
[73] CASE WESTERN RESERVE UNIVERSITY, US
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[54] **PROCESS FOR COATING A THREADED TUBULAR COMPONENT, THREADED TUBULAR COMPONENT AND RESULTING CONNECTION**
[54] **PROCEDE DE REVETEMENT D'UN ELEMENT TUBULAIRE FILETE, ELEMENT TUBULAIRE FILETE ET RACCORDEMENT OBTENU**
[72] GARD, ERIC, FR
[72] PINEL, ELIETTE, FR
[72] PETIT, MIKAEL, FR
[72] GOUIDER, MOHAMED, FR
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
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[54] **SEMI-SUBMERSIBLE FLOATING STRUCTURE FOR VORTEX-INDUCED MOTION PERFORMANCE**
[54] **STRUCTURE FLOTTANTE SEMI-SUBMERSIBLE POUR MOUVEMENT INDUIT PAR VORTEX**
[72] XU, QI, FR
[73] TECHNIP FRANCE, FR
[85] 2013-04-25
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[25] EN
[54] **ONE TOUCH STOW IN FLOOR SEAT ASSEMBLY WITH AUTOMATIC LATERAL DISPLACEMENT**
[54] **ENSEMBLE SIEGE INSTANTANEMENT ESCAMOTABLE A DEPLACEMENT LATERAL AUTOMATIQUE**
[72] WHITE, DAVID A., US
[72] JAGTAP, PRASAD D., US
[72] PROULX, ALAN, US
[72] BRUSH, TIMOTHY JON, US
[72] CARROLL, JEFFREY P., US
[72] TAME, OMAR D., US
[72] COFFEY, ROBERT THOMAS, US
[72] PERSAD, RABINDRANATH, US
[72] DINGEL, DOUGLAS A., US
[72] HURST, NELSON E., III, US
[72] DZIEDZIC, JERZY, US
[72] CAO, LEI, US
[72] ADWELL, BRIAN, US
[73] MAGNA SEATING INC., CA
[85] 2013-04-30
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[25] EN
[54] **DEVICE AND METHOD FOR DISPENSING LIQUIDS**
[54] **DISPOSITIF ET PROCEDE DE DISTRIBUTION DE LIQUIDES**
[72] BARLOW, LOUISE MARGARET, GB
[72] PIERCY, ELLEN, GB
[72] WALSH, STEVE, GB
[73] RECKITT & COLMAN (OVERSEAS) LIMITED, GB
[85] 2013-05-01
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[54] **PROCESS FOR THE PREPARATION OF GASEOUS SYNFUEL**
[54] **PROCEDE DE PREPARATION DE COMBUSTIBLE ARTIFICIEL GAZEUX**
[72] NIELSEN, POUL ERIK HOJLUND, DK
[72] MADSEN, JORGEN, DK
[73] HALDOR TOPSOE A/S, DK
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[25] EN
[54] **A PROCESS FOR THE PRODUCTION OF METHACRYLIC ACID AND ITS DERIVATIVES AND POLYMERS PRODUCED THEREFROM**
[54] **PROCEDE DE PRODUCTION D'ACIDE METHACRYLIQUE ET DE DERIVES ET POLYMERES PRODUITS A PARTIR DE CE DERNIER**
[72] JOHNSON, DAVID WILLIAM, GB
[72] EASTHAM, GRAHAM RONALD, GB
[72] POLIAKOFF, MARTYN, GB
[72] HUDDLE, THOMAS ANDREW, GB
[73] LUCITE INTERNATIONAL UK LIMITED, GB
[85] 2013-05-10
[86] 2011-11-18 (PCT/GB2011/052271)
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[30] GB (1019915.6) 2010-11-24
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[54] **DIGITAL PRINTING AND FINISHING METHOD FOR FABRICS AND THE LIKE**
[54] **IMPRESSION NUMERIQUE ET PROCEDE DE FINITION POUR TISSUS ET ANALOGUES**
[72] MILINI, LUIGI, IT
[73] MS PRINTING SOLUTIONS S.R.L., IT
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[86] 2011-09-30 (PCT/EP2011/067162)
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[54] **MODULAR CARGO DOLLY**
[54] **CHARIOT DE TRANSPORT MODULAIRE**
[72] CARRUYO, ISRAEL S., US
[73] ISCAR GSE CORP., US
[86] (2818765)
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[30] US (61/660,344) 2012-06-15
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[54] **TRANSPORT DEVICE**
[54] **DISPOSITIF DE TRANSPORT**
[72] BAECHLE, ANDREAS, DE
[73] ROBERT BOSCH GMBH, DE
[85] 2013-06-03
[86] 2011-12-14 (PCT/EP2011/072785)
[87] (WO2012/084648)
[30] DE (10 2010 063 741.6) 2010-12-21

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[25] EN
[54] **BIODEGRADABLE PARTICLES, VASCULAR OCCLUSION MATERIAL, AND METHOD FOR PRODUCING BIODEGRADABLE PARTICLES**
[54] **PARTICULES BIODEGRADABLES, MATIERE D'OCCLUSION VASCULAIRE ET PROCEDE DE PRODUCTION DE PARTICULES BIODEGRADABLES**
[72] TANAHASHI, KAZUHIRO, JP
[72] NAKANISHI, MEGUMI, JP
[72] YAMAMURA, YASUFUMI, JP
[72] FUJITA, MASAKI, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2013-06-03
[86] 2011-12-09 (PCT/JP2011/078510)
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[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING A VIDEO RECEIVER**
[54] **PROCEDE ET DISPOSITIF POUR CONTROLER UN RECEPTEUR VIDEO**
[72] DEMCHENKO, YURIY, CA
[72] SCHEMBRI, DARYL, CA
[72] MARTINEZ, MARIA, CA
[73] ROGERS COMMUNICATIONS INC., CA
[85] 2013-06-06
[86] 2011-11-10 (PCT/CA2011/050698)
[87] (WO2012/075579)
[30] US (61/421,681) 2010-12-10
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[54] **SYSTEM FOR LAUNCHING AND RECOVERING UNDERWATER VEHICLES, NOTABLY TOWED UNDERWATER VEHICLES**
[54] **SYSTEME DE MISE A L'EAU ET DE RECUPERATION D'ENGINS SOUS-MARINS, NOTAMMENT D'ENGINS SOUS-MARINS TRACTES**
[72] SOREAU, DIDIER, FR
[72] JEZEQUEL, OLIVIER, FR
[72] JOURDAN, MICHAEL, FR
[73] THALES, FR
[85] 2013-06-07
[86] 2011-12-06 (PCT/EP2011/071895)
[87] (WO2012/076515)
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[51] **Int.Cl. H01R 13/11 (2006.01) H01R 13/187 (2006.01)**
[25] EN
[54] **HIGH-CURRENT INSERTION-TYPE CONNECTOR HAVING ANNULAR RESILIENT CONTACT-MAKING MEANS**
[54] **CONNECTEUR POUR COURANTS FORTS AVEC CONTACT ELECTRIQUE PAR RESSORT ANNULAIRE**
[72] BLAKBORN, WILLEM, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2013-06-12
[86] 2011-12-28 (PCT/EP2011/006596)
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[51] **Int.Cl. G01S 19/36 (2010.01) G01S 19/20 (2010.01) G01S 19/21 (2010.01)**
[25] EN
[54] **DEVICE FOR ELIMINATING LOCAL PERTURBATIONS FOR REFERENCE RECEIVER OF GNSS GROUND STATIONS**
[54] **DISPOSITIF D'ELIMINATION DE PERTURBATIONS LOCALES POUR RECEPTEUR DE REFERENCE DE STATIONS SOL GNSS**
[72] LETESTU, FRANCK, FR
[72] REVOL, MARC, FR
[85] 2013-06-25
[86] 2011-12-08 (PCT/EP2011/072249)
[87] (WO2012/084539)
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[25] EN
[54] **REMOTE CONTROL INTERFACE PROVIDING HEAD-UP OPERATION AND VISUAL FEEDBACK**
[54] **INTERFACE DE TELECOMMANDE PERMETTANT UNE UTILISATION TETE HAUTE ET RETOUR VISUEL**
[72] MADONNA, ROBERT P., US
[72] CIPOLLO, NICHOLAS J., US
[73] SAVANT SYSTEMS, LLC, US
[85] 2013-07-11
[86] 2012-01-17 (PCT/US2012/000026)
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[25] EN
[54] **VIDEO CONTENT GENERATION**
[54] **GENERATION DE CONTENU VIDEO**
[72] VRBAS, AUSTIN J., US
[72] HOLDEN, DANIAL E., US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
[85] 2013-07-12
[86] 2011-01-14 (PCT/US2011/021373)
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[51] **Int.Cl. F41H 5/22 (2006.01) F41H 5/16 (2006.01) F41H 5/02 (2006.01)**
[25] EN
[54] **PROTECTIVE DEVICE FOR A HATCH IN PARTICULAR**
[54] **DISPOSITIF DE PROTECTION, EN PARTICULIER POUR UNE ECOUTILLE**
[72] REKER, ALFRED, DE
[72] PETSCH, DIRK, DE
[73] RHEINMETALL LANDSYSTEME GMBH, DE
[85] 2013-07-12
[86] 2011-12-21 (PCT/EP2011/006462)
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[30] DE (10 2011 008 699.4) 2011-01-15

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[25] FR
[54] **DEVICE FOR DISPENSING AN ADDITIVE**
[54] **DISPOSITIF DE DISTRIBUTION D'UN ADDITIF**
[72] MONSALLIER, GUY, FR
[72] HARLE, VIRGINIE, FR
[72] HORBEZ, DOMINIQUE, FR
[72] LALLEMAND, MICHAEL, FR
[73] FILTRAUTO, FR
[73] RHODIA OPERATIONS, FR
[85] 2013-07-22
[86] 2012-02-01 (PCT/FR2012/050219)
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[30] FR (11 00316) 2011-02-02
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[54] **CONCRETE VIBRATOR HEAD**
[54] **TETE DE VIBRATEUR A BETON**
[72] OSWALD, FRED, US
[73] OZTEC INDUSTRIES, INC., US
[85] 2013-07-22
[86] 2012-01-31 (PCT/US2012/023302)
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[25] EN
[54] **MEMBRANE SEPARATION DEVICES, SYSTEMS AND METHODS EMPLOYING SAME, AND DATA MANAGEMENT SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE SEPARATION A MEMBRANE, SYSTEMES ET PROCEDES UTILISANT CEUX-CI, ET SYSTEMES ET PROCEDES DE GESTION DE DONNEES**
[72] BLICKHAN, BRYAN, US
[72] MIN, KYUNGYOON, US
[72] CORK, WILLIAM H., US
[73] FENWAL, INC., US
[85] 2013-07-26
[86] 2012-03-09 (PCT/US2012/028532)
[87] (WO2012/125472)
[30] US (61/451,903) 2011-03-11
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[25] EN
[54] **VIBRATION DAMPENING DEVICE**
[54] **DISPOSITIF D'AMORTISSEMENT DE VIBRATIONS**
[72] TIGHE, PETER JOHN, AU
[73] A.C.N. 166 970 627 PTY LTD, AU
[85] 2013-07-26
[86] 2011-02-09 (PCT/AU2011/000133)
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[25] EN
[54] **METHOD AND SYSTEM FOR INSTALLING SUBSEA WELL TREES**
[54] **PROCEDE ET SYSTEME POUR INSTALLER DES ARBRES DE PUITS SOUS-MARINS**
[72] MUISE, JASON, CA
[72] BLUNDON, ANDREW J., CA
[73] TECHNIP FRANCE, FR
[86] (2825930)
[87] (2825930)
[22] 2013-08-27
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[25] EN
[54] **CAM LEVER ACTUATED CABLE SEALING DEVICE**
[54] **DISPOSITIF D'ETANCHEITE DE CABLE ACTIONNE PAR UN LEVIER A CAME**
[72] VASTMANS, KRISTOF, BE
[72] BRYON, ROEL MODEST WILLY, BE
[72] DE VOS, PIETER ARTHUR ANNA, BE
[72] VANDAMME, WOUTER, BE
[73] TYCO ELECTRONICS RAYCHEM BVBA, BE
[85] 2013-08-01
[86] 2012-05-08 (PCT/EP2012/058448)
[87] (WO2012/152789)
[30] EP (11165521.3) 2011-05-10

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[13] C
[51] **Int.Cl. A61F 2/44 (2006.01) A61B 17/17 (2006.01) A61B 17/70 (2006.01)**
[25] EN
[54] **PERCUTANEOUS ARTHRODESIS METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME D'ARTHRODESE PERCUTANEE**
[72] SCHELL, GERALD, US
[72] ANDERSON, TRACY SCOTT, US
[72] ANDERSON, ALAN SCOTT, US
[72] BARRA, KENNETH RICHARD, US
[73] AMENDIA, INC., US
[85] 2013-08-13
[86] 2011-11-01 (PCT/US2011/058737)
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[25] EN
[54] **METHOD FOR THE MANUFACTURE OF A POLYHYDROXY-CARBOXYLIC ACID**
[54] **PROCEDE DE FABRICATION D'UN ACIDE POLYHYDROXYCARBOXYLIQUE**
[72] STEPANSKI, MANFRED, CH
[72] LOVIAT, FRANCOIS, CH
[72] KUSZLIK, ANDRZEJ, CH
[73] SULZER CHEMTECH AG, CH
[85] 2013-08-16
[86] 2011-11-15 (PCT/EP2011/070169)
[87] (WO2012/110118)
[30] EP (11154929.1) 2011-02-18
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[51] **Int.Cl. C04B 20/06 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **LIGHTWEIGHT, REDUCED DENSITY FIRE RATED GYPSUM PANELS**
[54] **PLAQUES DE PLATRE RESISTANTES AU FEU LEGERES ET DE DENSITE REDUITE**
[72] YU, QIANG, US
[72] LUAN, WENQI, US
[72] SONG, WEIXIN D., US
[72] VEERAMASUNENI, SRINIVAS, US
[72] LI, ALFRED, US
[73] UNITED STATES GYPSUM COMPANY, US
[85] 2013-08-23
[86] 2012-02-24 (PCT/US2012/026613)
[87] (WO2012/116325)
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[25] EN
[54] **METHOD AND SYSTEM FOR HYPERTEXT TRANSFER PROTOCOL DIGEST AUTHENTICATION**
[54] **PROCEDE ET SYSTEME POUR AUTHENTIFICATION ABREGEE DE PROTOCOLE DE TRANSFERT HYPERTEXTE**
[72] MULLA, IMTIYAZ AHMED, CA
[72] PETRONIJEVIC, DEJAN, CA
[72] HEARNDEN, JANE ELLEN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2829233)
[87] (2829233)
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[51] **Int.Cl. C11C 3/04 (2006.01)**
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[54] **METHOD FOR PREPARING BIODIESEL**
[54] **PROCEDE POUR LA PREPARATION DE BIODIESEL**
[72] DU, WEI, CN
[72] LIU, DEHUA, CN
[72] ZHU, LUOLE, CN
[73] TSINGHUA UNIVERSITY, CN
[85] 2013-09-12
[86] 2011-11-29 (PCT/CN2011/083130)
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[51] **Int.Cl. H04W 72/08 (2009.01) H04W 28/04 (2009.01)**
[25] EN
[54] **DEVICE-EMPOWERED RADIO RESOURCE ASSIGNMENT**
[54] **ATTRIBUTION DE RESSOURCES RADIO FACILITEE PAR UN DISPOSITIF**
[72] NOVAK, ROBERT, CA
[72] GAGE, WILLIAM, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-09-20
[86] 2011-03-24 (PCT/CA2011/050154)
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[25] EN
[54] **IGNITION METHOD FOR CONTROLLED BURNING**
[54] **METHODE D'ALLUMAGE POUR BRULIS**
[72] REISTROFFER, JEFFREY P., US
[73] REISTROFFER, JEFFREY P., US
[86] (2831630)
[87] (2831630)
[22] 2005-02-01
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[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **A FIXTURE, A THREAD MAKER AND A FIXTURE SET**
[54] **FIXATION, DISPOSITIF DE REALISATION DE FILETAGE, ET ENSEMBLE DE FIXATION**
[72] HANSSON, STIG, SE
[72] HALLDIN, ANDERS, SE
[73] DENTSPLY IH AB, SE
[85] 2013-10-04
[86] 2012-04-12 (PCT/EP2012/056724)
[87] (WO2012/140167)
[30] EP (11162468.0) 2011-04-14
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[25] EN
[54] **A FIXTURE**
[54] **FIXATION**
[72] HANSSON, STIG, SE
[72] HALLDIN, ANDERS, SE
[73] DENTSPLY IH AB, SE
[85] 2013-10-08
[86] 2012-04-12 (PCT/EP2012/056723)
[87] (WO2012/140166)
[30] EP (11162464.9) 2011-04-14
[30] US (61/475,329) 2011-04-14

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[51] **Int.Cl. A61B 5/0428 (2006.01)**
[25] EN
[54] **BIOMETRIC BELT CONNECTOR**
[54] **CONNECTEUR DE CEINTURE BIOMETRIQUE**
[72] HERMANNSSON, KORMAKUR HLINI, IS
[73] NOX MEDICAL EHF, IS
[85] 2013-10-11
[86] 2011-06-24 (PCT/IS2011/050010)
[87] (WO2011/161701)
[30] US (61/358,472) 2010-06-25

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[51] **Int.Cl. A23L 7/157 (2016.01)**
[25] EN
[54] **COATING MATERIAL FOR FRIED FOOD**
[54] **ENROBAGE POUR ALIMENT FRIT**
[72] TSUCHIYA, YUSUKE, JP
[72] IESATO, HISAYUKI, JP
[72] NAKAJIMA, TORU, JP
[72] UCHIDA, NORIKAZU, JP
[73] NIPPON STARCH CHEMICAL CO., LTD., JP
[85] 2013-10-15
[86] 2011-04-20 (PCT/JP2011/060201)
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[25] EN
[54] **PROTEASE CLEAVAGE SITE PEPTIDES AS AN HIV VACCINE**
[54] **PEPTIDES DE SITE DE CLIVAGE DE PROTEASE COMME VACCIN CONTRE LE VIH**
[72] LUO, MA, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF HEALTH, CA
[85] 2013-10-17
[86] 2012-04-05 (PCT/CA2012/050220)
[87] (WO2012/135959)
[30] US (61/472,944) 2011-04-07

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[51] **Int.Cl. E04D 1/28 (2006.01) E04B 1/80 (2006.01)**
[25] EN
[54] **AN IMPROVED ROOF TILE**
[54] **TUILE DE TOIT AMELIOREE**
[72] NOTON, EDWARD LAWRENCE, NZ
[73] NOTON, EDWARD LAWRENCE, NZ
[85] 2013-10-24
[86] 2012-04-30 (PCT/NZ2012/000057)
[87] (WO2012/148292)
[30] NZ (592562) 2011-04-29

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[51] **Int.Cl. G16H 20/13 (2018.01) G16H 40/20 (2018.01) A61J 7/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL DISPENSING SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING AND DISPLAYING REPLENISHMENT INFORMATION**
[54] **SYSTEMES DE DISTRIBUTION DE PRODUITS PHARMACEUTIQUES, METHODES ET PRODUITS DE PROGRAMME INFORMATIQUE POUR DETERMINER ET AFFICHER L'INFORMATION DE REAPPROVISIONNEMENT**
[72] CUNNINGHAM, PAUL JOSEPH, US
[72] MORRIS, SASHA, US
[73] PARATA SYSTEMS, LLC, US
[86] (2834539)
[87] (2834539)
[22] 2013-11-25
[30] US (61/730,558) 2012-11-28
[30] US (14/084,070) 2013-11-19

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[25] EN
[54] **SURFACTANTS FOR ENHANCED OIL RECOVERY**
[54] **SURFACTANTS POUR RECUPERATION DE PETROLE AMELIOREE**
[72] RAVIKIRAN, RAMAKRISHNA, US
[72] ZHANG, JIEYUAN, US
[73] STEPAN COMPANY, US
[85] 2013-11-06
[86] 2012-05-14 (PCT/US2012/037842)
[87] (WO2012/158645)
[30] US (61/486,535) 2011-05-16

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[51] **Int.Cl. C08B 37/08 (2006.01) A61K 31/737 (2006.01) A61K 35/60 (2006.01) A61P 19/02 (2006.01) C08L 5/08 (2006.01)**
[25] EN
[54] **SHARK-LIKE CHONDROITIN SULPHATE AND PROCESS FOR THE PREPARATION THEREOF**
[54] **SULFATE DE CHONDROITINE DE TYPE REQUIN ET PROCEDE POUR LA PREPARATION DE CELUI-CI**
[72] VALOTI, ERMANNO, IT
[72] MIRAGLIA, NICCOLO, IT
[72] BIANCHI, DAVIDE, IT
[72] VALETTI, MARCO, IT
[72] BAZZA, PAOLA, IT
[73] GNOSIS S.P.A., IT
[85] 2013-11-12
[86] 2011-05-20 (PCT/EP2011/058297)
[87] (WO2012/159655)

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[13] C
[51] **Int.Cl. H03H 17/02 (2006.01)**
[25] EN
[54] **SPECTRUM AGILE RADIO**
[54] **RADIO A CHANGEMENT RAPIDE DE FREQUENCE**
[72] MCGOWAN, NEIL, CA
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2013-11-12
[86] 2012-04-26 (PCT/IB2012/052088)
[87] (WO2012/153221)
[30] US (13/106,048) 2011-05-12

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[13] C
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[54] **GESTION DE BROUILLAGE ASSISTEE PAR DISPOSITIF DANS DES SYSTEMES CELLULAIRES SANS FIL HETEROGENES**
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[72] BONTU, CHANDRA SEKHAR, CA
[72] PERIYALWAR, SHALINI SURESH, CA
[73] BLACKBERRY LIMITED, CA
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[54] **BARDEAU DE TOITURE OFFRANT UN ASPECT DE LIGNE D'OMBRE AMELIORE**
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[72] JACOBS, GREGORY F., US
[73] CERTAINTEED CORPORATION, US
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[54] **FORMULATIONS DE FURINE RECOMBINANTE**
[72] HASSLACHER, MEINHARD, AT
[72] CITKOWICZ, ANDRZEJ, US
[72] WHITE, CATHERINE, US
[72] FRANKE, KEN, US
[73] BAXALTA INCORPORATED, US
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[54] **SYSTEME DE COMMANDE POUR OPERATIONS EN FOND DE TROU**
[72] VUYK, ADRIAN, JR., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **PROCEDE ET APPAREIL POUR PRODUIRE UN HYDROCARBURE LIQUIDE**
[72] IVERSEN, STEEN BRUMMERSTEDT, DK
[73] STEEPER ENERGY APS, DK
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[54] **LOW DENSITY POLYETHYLENE WITH LOW DISSIPATION FACTOR AND PROCESS FOR PRODUCING SAME**
[54] **POLYETHYLENE DE FAIBLE DENSITE PRESENTANT UN FACTEUR DE DISSIPATION BAS ET SON PROCEDE DE PRODUCTION**
[72] FLORY, ANNY, US
[72] SMITH, MICHAEL L., US
[72] KMIEC, CHESTER J., US
[72] EATON, ROBERT F., US
[72] VIGIL, ALFRED E., JR., US
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[73] RENK LIMITED LIABILITY COMPANY (RENK LLC), RU
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[54] **COMPOSITIONS SOLIDES ET PROCEDES POUR GENERER DU DIOXYDE DE CHLORE**
[72] THANGARAJ, JOHN APPADURAI, US
[72] DASARADHI, LAKKARAJU, US
[73] SIPKA, INC., US
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[54] **SAC DE TRANSPORT AVEC POIGNEE PIVOTANTE**
[72] KLEVANA, LEIGHTON, US
[72] MIYASHITA, ED, US
[73] DYNAMIC BRANDS, LLC, US
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[54] **AGENCEMENTS DE RESERVOIR DE CARBURANT POUR POMPES FLOTTANTES A AMORCAGE AUTOMATIQUE**
[72] ZAREMBA, GARY W., CA
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[54] **FORMES POLYMORPHES DE COMPOSES EN TANT QU'INHIBITEUR DE PROLYLE HYDROXYLASE ET LEURS UTILISATIONS**
[72] KANG, XINSHAN, CN
[72] LONG, WEI, CN
[72] ZHANG, JIANXI, CN
[72] HU, YUNYAN, CN
[72] WANG, YINXIANG, CN
[73] BEIJING BETTA PHARMACEUTICALS CO., LTD, CN
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[54] **FRIANDISE POUR ANIMAL DE COMPAGNIE COMPOSEE D'UNE ENVELOPPE UNITAIRE EXTERIEURE ET D'UNE GARNITURE INTERIEURE**
[72] CARRILLO, DAVID, US
[72] BOWMAN, KENNETH, US
[73] SPECTRUM BRANDS, INC., US
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[54] **SYSTEM AND METHOD FOR INSPECTING A SUBSEA PIPELINE**
[54] **SYSTEME ET PROCEDE DE CONTROLE D'UNE CONDUITE SOUS-MARINE**
[72] GOROSHEVSKY, VALERIAN PAVLOVICH, RU
[72] KAMAEVA, SVETLANA SERGEEVNA, RU
[72] KOLESNIKOV, IGOR SERGEEVICH, RU
[73] PETROLIAM NASIONAL BERHARD (PETRONAS), MY
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[72] PROTTER, ANDREW A., US
[72] RICHER, JENNIFER, US
[72] COCHRANE, DAWN, US
[73] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[73] MEDIVATION PROSTATE THERAPEUTICS LLC, US
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[54] **PROCEDE DE FABRICATION D'UNE PIECE PAR FORGEAGE**
[72] MEREAUX, BERYL CASSANDRE ANNE, FR
[72] TEBOUL, BENJAMIN, FR
[73] SNECMA, FR
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[72] PETERSON, NICHOLAS L., US
[72] ANTON, BRYCE R., US
[73] VAPOR TECHNOLOGIES, INC., US
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[54] **APPAREIL ET PROCEDE POUR CANALISER DES EAUX SOUTERRAINES**
[72] TARAPASKI, WILLIAM ERNEST, TH
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[54] **SYSTEME DE TRANSMISSION DE VIDEO ET DE DONNEES PAR CABLODISTRIBUTION A ENTREE NUMERIQUE**
[72] BOWLER, DAVID B., US
[72] GREENE, CLARK V., US
[72] HOLOBINKO, JOHN, US
[72] WHITE, GERARD, US
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[72] GU, SHAOTING, US
[72] BU, VINCENT L., US
[72] PRATT, BRUCE C., US
[72] HRIVNAK, LAWRENCE M., US
[72] HERSEY, STEVEN H., US
[73] ARRIS ENTERPRISES LLC, US
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[54] **PROCEDE DE PREPARATION DE COPOLYMERE A BLOCS**
[72] YAMAMOTO, KEIICHIROU, JP
[72] KITAGAWA, MASAYUKI, JP
[73] NIPPON KAYAKU KABUSHIKI KAISHA, JP
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[54] **BUOYANCY CONTROL MATERIAL FOR SUBSEA MAIN PIPELINES AND HIGH-DENSITY BUOYANCY CONTROL MATERIAL FOR SUBSEA MAIN PIPELINES**
[54] **MATERIAU DE CONTROLE DE FLOTTAISON DESTINE A DES PIPELINES PRINCIPAUX SOUS-MARINS ET MATERIAU DE CONTROLE DE FLOTTAISON HAUTE DENSITE DESTINE AUX PIPELINES PRINCIPAUX SOUS-MARINS**
[72] SVECHKOPALOV, ANATOLY PETROVICH, RU
[72] SHAPORIN, IGOR IVANOVICH, RU
[73] SVECHKOPALOV, ANATOLY PETROVICH, RU
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[72] HAGE, RONALD, NL
[72] ZHAO, WEI, CN
[72] ZHANG, JIANRONG, CN
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[72] XIE, HONG, CN
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[54] **DISPOSITIF DE COLLECTE ET DE STOCKAGE TEMPORAIRE DE FLUIDES PROVENANT D'UNE SOURCE SOUS-MARINE**
[72] ANDRITSOS, FIVOS, IT
[72] SOTIROPOULOS, PANAGIOTIS, GR
[73] THE EUROPEAN UNION, REPRESENTED BY THE EUROPEAN COMMISSION, BE
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[54] **APPAREIL ET PROCEDE POUR FABRIQUER DES PERLES SOLIDES**
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[72] SHADICK, OWEN, GB
[73] MIDATECH PHARMA (WALES) LIMITED, GB
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[54] **FORMULATIONS D'ANTICORPS ET PROCEDES CORRESPONDANTS**
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[72] HENDERSON, ISAAC CRAIG, US
[72] KLEIN, PAMELA, US
[73] PROTHENA BIOSCIENCES LIMITED, IE
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[54] **SYSTEME DE MOULAGE DE GARNITURE ET METHODE**
[72] WILLIAMS, TERRY, CA
[73] WILLIAMS, TERRY, CA
[73] GOODHEART, SHELDON, CA
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[72] OKAMURA, DARYL M., US
[73] SEATTLE CHILDREN'S RESEARCH INSTITUTE, US
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[54] **APPARATUS AND METHOD FOR GENERATING LIGHT PULSES FROM LEDS IN OPTICAL ABSORPTION GAS SENSORS**
[54] **APPAREIL ET PROCEDE POUR GENERER DES IMPULSIONS DE LUMIERE A PARTIR DE LED DANS DES CAPTEURS DE GAZ A ABSORPTION OPTIQUE**
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[73] GAS SENSING SOLUTIONS LTD., GB
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[54] **DISPOSITIF DE CHAMBRE A FLUIDE HYDRAULIQUE POUR UN MODULE DE REACTION D'UN DISPOSITIF REDOX**
[72] JEHLE, WALTER, DE
[72] KAUL, STEFAN, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[86] (2854151)
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[54] **ANTIGENES ET VACCINS DIRIGES CONTRE DES ENTEROVIRUS HUMAINS**
[72] CARDOSA, MARY JANE, MY
[72] JAMILUDDIN, MOHAMAD FAKRUDDIN, MY
[72] HAMID, SHARIFAH BINTI, MY
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[25] EN
[54] **UNIVERSAL PERFORATION SYSTEM FOR INSTALLATION ON A BINDING OR SPIRAL-BINDING MACHINE CAPABLE OF BINDING, USING ANY BINDING SYSTEM**
[54] **SYSTEME DE PERFORATION UNIVERSEL DESTINE A ETRE INSTALLE DANS UNE MACHINE A RELIER OU UNE PERFORELIEUSE REALISANT DES RELIURES POUR TOUS LES SYSTEMES DE RELIURE**
[72] LOPEZ PEREZ, EMILIO CARLOS, MX
[73] LOPEZ PEREZ, EMILIO CARLOS, MX
[85] 2014-05-09
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[54] **SYNTHETIC RESIN CUP CONTAINER**
[54] **RECEPTACLE-GOBELET EN RESINE SYNTHETIQUE**
[72] KOBAYASHI, TAKAYUKI, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
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[54] **CONSTRUCTIONS DE STOCKAGE MONTEES SUR UN MUR**
[72] ANDERSSON, BENNY, SE
[72] ALMBLAD, LARS, SE
[72] LUNDQVIST, MATS, SE
[72] WIKTORSSON, SOFIA, SE
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[54] **USE OF ACETAMINOPHEN FOR REDUCING THE FREQUENCY OF URINATION**
[54] **UTILISATION DE L'ACETAMINOPHENE EN VUE DE REDUIRE LA FREQUENCE DE LA MICTION**
[72] DILL, DAVID A., US
[73] WELLESLEY PHARMACEUTICALS, LLC, US
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[54] **SKIN CARE FORMULATION**
[54] **FORMULATION DE PRODUIT DE SOIN POUR LA PEAU**
[72] FLORENCE, TIFFANY, US
[73] MARY KAY INC., US
[85] 2014-06-04
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[54] **METHODS FOR DETECTING 5T4-POSITIVE CIRCULATING TUMOR CELLS AND METHODS OF DIAGNOSIS OF 5T4-POSITIVE CANCER IN A MAMMALIAN SUBJECT**
[54] **METHODES DE DETECTION DE CELLULES TUMORALES CIRCULANTES 5T4-POSITIVES ET METHODES DE DIAGNOSTIC D'UN CANCER 5T4-POSITIF CHEZ UN SUJET MAMMIFERE**
[72] GERBER, HANS-PETER, US
[72] MARRINUCCI, DENA, US
[72] PIRIE-SHEPHERD, STEVEN, US
[72] TUCKER, ERIC, US
[73] PFIZER INC., US
[73] EPIC SCIENCES, INC., US
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[54] **IMPLANT DEVICE, SENSOR MODULE, SINGLE-USE INJECTOR AND METHOD FOR PRODUCING AN IMPLANT DEVICE**
[54] **DISPOSITIF D'IMPLANT, MODULE DE CAPTEUR, INJECTEUR A UTILISATION UNIQUE ET PROCEDE POUR PRODUIRE UN DISPOSITIF D'IMPLANT**
[72] SCHOLTEN, DICK, DE
[73] IMPLANDATA OPTHALMIC PRODUCTS GMBH, DE
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[54] **PASSIVE DYNAMIC GEOFENCING FOR MOBILE DEVICES**
[54] **GEOREPERAGE DYNAMIQUE PASSIF POUR DISPOSITIFS MOBILES**
[72] LYMAN, NATE L., US
[72] RUSSO, FRANK, US
[73] EBAY INC., US
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[54] **RESTRICTION OF PREDICTION UNITS IN B SLICES TO UNI-DIRECTIONAL INTER PREDICTION**
[54] **LIMITATION D'UNITES DE PREDICTION DANS DES TRANCHES B A UNE INTERPREDICTION UNIDIRECTIONNELLE**
[72] WANG, XIANGLIN, US
[72] SEREGIN, VADIM, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-07-17
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[54] **MACHINE FOR FORMING CONTAINERS MADE OF THERMOPLASTIC MATERIAL**
[54] **MACHINE POUR FORMER DES CONTENANTS FABRIQUES EN MATIERE THERMOPLASTIQUE**
[72] GIACOBBE, FERRUCCIO, IT
[73] MAGIC MP S.P.A., IT
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[54] **APPARATUS AND METHOD FOR MANUFACTURING FILTERS AND INSERTING THE FILTERS INTO SINGLE DOSE CAPSULES FOR PREPARING BEVERAGES**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE FILTRES ET D'INTRODUCTION DES FILTRES DANS DES CAPSULES MONODOSES POUR PREPARER DES BOISSONS**
[72] HODLER, ROLF, CH
[73] RYCHIGER AG, CH
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[54] **METHOD FOR GENERALLY CONTINUOUSLY CALIBRATING AN INTERACTIVE INPUT SYSTEM**
[54] **PROCEDE POUR ETALONNER EN CONTINU D'UNE MANIERE GENERALE UN SYSTEME D'ENTREE INTERACTIF**
[72] HOLMGREN, DAVID, CA
[72] MCREYNOLDS, DANIEL, CA
[72] MCGIBNEY, GRANT, CA
[73] SMART TECHNOLOGIES ULC, CA
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[54] **MANAGING ROTATIONAL INFORMATION ON A DRILL STRING**
[54] **GESTION DE L'INFORMATION SUR LA ROTATION D'UNE COLONNE DE FORAGE**
[72] WONG, DAVID YAN LAP, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **LANCING DEVICE WITH SIDE ACTIVATED CHARGE AND EJECT MECHANISMS**
[54] **DISPOSITIF AUTOPIQUEUR A ACTIVATION LATERALE DE CHARGE ET MECANISMES D'EJECTION**
[72] TRISSEL, JOHN A., US
[73] FACET TECHNOLOGIES, LLC, US
[85] 2014-10-01
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[54] **DROPOUT RECLOSER**
[54] **DISJONCTEUR REENCLENCHEUR DE RELACHEMENT**
[72] SMITH, RICHARD G., US
[72] MONTANTE, JORGE, US
[72] MONTENEGRO, ALEJANDRO, US
[72] ROSS, MICHAEL, US
[73] S&C ELECTRIC COMPANY, US
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[51] **Int.Cl. G01B 11/25 (2006.01) G01B 11/245 (2006.01) G02B 27/18 (2006.01)**
[25] EN
[54] **3-D SCANNING AND POSITIONING SYSTEM**
[54] **SYSTEME DE BALAYAGE ET DE POSITIONNEMENT TRIDIMENSIONNELS (3D)**
[72] HEBERT, PATRICK, CA
[72] ROCHETTE, FELIX, CA
[73] CREAFORM INC., CA
[85] 2014-12-04
[86] 2013-06-26 (PCT/IB2013/055256)
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[30] US (61/667,974) 2012-07-04

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[25] EN
[54] **POLYPEPTIDES AND ANTIBODIES FOR TREATING HBV INFECTION AND RELATED DISEASES**
[54] **POLYPEPTIDES ET ANTICORPS POUR LE TRAITEMENT D'UNE INFECTION PAR LE VBH ET MALADIES ASSOCIEES**
[72] YUAN, QUAN, CN
[72] ZHANG, TIANYING, CN
[72] LUO, WENXIN, CN
[72] CHEN, YIXIN, CN
[72] ZHANG, JUN, CN
[72] XIA, NINGSHAO, CN
[73] XIAMEN INNOVAX BIOTECH CO., LTD., CN
[73] XIAMEN UNIVERSITY, CN
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[86] 2013-06-06 (PCT/CN2013/076832)
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[25] EN
[54] **NEURONAVIGATION-GUIDED FOCUSED ULTRASOUND SYSTEM AND METHOD THEREOF**
[54] **SYSTEME ULTRASONIQUE FOCALISE GUIDE PAR NEURONAVIGATION ET PROCEDE CORRESPONDANT**
[72] LIU, HAO-LI, TW
[72] TSAI, HONG-CHIEH, TW
[72] LU, YU-JEN, TW
[72] WEI, KOU-CHEN, TW
[73] CHANG GUNG UNIVERSITY, TW
[85] 2014-12-08
[86] 2013-06-07 (PCT/US2013/044647)
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[30] CN (201210190164.6) 2012-06-08

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/553 (2006.01) A61K 31/7088 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMBINATION INCLUDING A HISTONE DEACETYLASE 4 (HDAC4) SILENCING AGENT FOR TREATING CANCER**
[54] **UNE COMBINAISON PHARMACEUTIQUE RENFERMANT UN AGENT DE SILENCAGE HISTONE DEACETYLASE 4 (HDAC4) EN VUE DE TRAITEMENT CONTRE LE CANCER**
[72] WESTERMARCK, JUKKA, FI
[72] KAUR, AMANPREET, FI
[73] TURUN YLIOPISTO, FI
[85] 2015-01-12
[86] 2013-07-11 (PCT/FI2013/050745)
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[30] FI (20125795) 2012-07-13

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[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **STORING AND FORWARDING PAYMENT TRANSACTIONS**
[54] **STOCKAGE ET TRANSFERT DE TRANSACTIONS DE PAIEMENT**
[72] RUDER, EDWARD, US
[72] PULS, JAMES, US
[72] MULANI, MEHDI, US
[72] MOREL, SHAWN, US
[72] CHEN, GRACE, US
[72] CLARK, CHRISTOPHER R., US
[72] SCOTT, J. BRYAN, US
[72] MONTI, ERIC, US
[73] SQUARE, INC., US
[85] 2015-01-15
[86] 2013-07-12 (PCT/US2013/050345)
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[30] US (61/672,228) 2012-07-16
[30] US (13/797,390) 2013-03-12

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[51] **Int.Cl. A61K 31/352 (2006.01) A61P 3/10 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **USE OF PROCYANIDIN COMPOSITIONS IN THE TREATMENT OF DIABETIC FOOT ULCERS, PRESSURE ULCERS AND VENOUS LEG ULCERS**
[54] **UTILISATION DE COMPOSITIONS DE PROCYANIDINE DANS LE TRAITEMENT D'ULCERES DU PIED, D'ULCERES DE PRESSION ET D'ULCERES DE JAMBE VEINEUX ASSOCIEES AU DIABETE**
[72] BHASKARAN, SUNIL, IN
[72] VISHWARAMAN, MOHAN, IN
[73] INDUS BIOTECH PRIVATE LIMITED, IN
[85] 2015-01-28
[86] 2013-08-06 (PCT/IB2013/056439)
[87] (WO2014/024136)
[30] IN (2268/MUM/2012) 2012-08-07

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[51] **Int.Cl. A63B 71/06 (2006.01)**
[25] EN
[54] **SPORTS PERFORMANCE TESTING AND TRAINING SYSTEMS, DEVICES AND METHODS**
[54] **MECANISMES D'EVALUATION ET D'ENTRAINEMENT DE PERFORMANCE SPORTIVE, DISPOSITIFS ET METHODES**
[72] HOLLINS, JAMIE LEE, CA
[72] HOLLINS, JONATHON GALE, CA
[72] CIANCIUSI, RENATO, CA
[72] ELBI, OMER, CA
[72] SINGH, GAGANDEEP, CA
[72] COOPER, MARTIN, CA
[72] TURKVAN, HALUK, CA
[73] HOLLINS, JAMIE LEE, CA
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[73] CIANCIUSI, RENATO, CA
[73] ELBI, OMER, CA
[73] SINGH, GAGANDEEP, CA
[73] COOPER, MARTIN, CA
[73] TURKVAN, HALUK, CA
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[13] C
[51] **Int.Cl. G01F 23/284 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACCURATELY MEASURING FLUID LEVEL IN A VESSEL**
[54] **SYSTEME ET PROCEDE DE MESURE PRECISE DU NIVEAU DE FLUIDE DANS UNE CUVE**
[72] LAVON, RONIE, US
[72] CARVALHO, CARLOS, US
[72] MISKELL, THOMAS, US
[72] RIZZO, VINCENT, US
[73] MEGGITT (ORANGE COUNTY), INC., US
[86] (2880952)
[87] (2880952)
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[25] EN
[54] **A NEW STRAIN OF CADMIUM-REMOVING LACTOBACILLUS PLANTARUM BACTERIUM, AND USES OF THE SAME**
[54] **LACTOBACILLUS PLANTARUM AYANT UNE FONCTION D'EXPULSION DU CADMIUM ET SON UTILISATION**
[72] CHEN, WEI, CN
[72] TIAN, FENGWEI, CN
[72] ZHAI, QIXIAO, CN
[72] WANG, GANG, CN
[72] LIU, XIAOMING, CN
[72] ZHANG, QIUXIANG, CN
[72] FAN, DAMING, CN
[72] ZHAO, JIANXIN, CN
[72] ZHANG, HAO, CN
[73] JIANGNAN UNIVERSITY, CN
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[86] 2012-12-07 (PCT/CN2012/086139)
[87] (WO2014/032375)
[30] CN (201210322124.2) 2012-09-03

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[51] **Int.Cl. H02P 31/00 (2006.01) B64D 41/00 (2006.01) H02K 7/00 (2006.01) H02P 5/00 (2016.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE CONTROL AND OPERATION OF A PARALLEL MOTOR CONTROLLER ARCHITECTURE**
[54] **SYSTEMES ET METHODES DE CONTROLE ET DE FONCTIONNEMENT D'UNE ARCHITECTURE DE CONTROLEUR DE MOTEUR PARALLELE**
[72] SOLODOVNIK, EUGENE V., US
[72] KARIMI, KAMIAR J., US
[72] LIU, SHENGYI, US
[73] THE BOEING COMPANY, US
[86] (2882057)
[87] (2882057)
[22] 2015-02-16
[30] US (14/264,423) 2014-04-29

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[13] C
[51] **Int.Cl. G01R 19/00 (2006.01) G08B 21/18 (2006.01) H02H 3/08 (2006.01)**
[25] EN
[54] **SELF-POWERED CURRENT SENSOR WITH A LINEAR ADJUSTMENT**
[54] **CAPTEUR DE COURANT AUTO-ALIMENTE AYANT UN AJUSTEMENT LINEAIRE**
[72] NGUYEN, HUY D., US
[73] NEILSEN-KULJIAN, INC., US
[85] 2015-02-17
[86] 2013-08-20 (PCT/US2013/055863)
[87] (WO2014/031688)
[30] US (13/591,130) 2012-08-21

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[54] **UNIVERSAL TRAFFIC LIGHT LUMINAIRE**
[54] **LUMINAIRE DE FEU DE CIRCULATION UNIVERSEL**
[72] LARAT, CHRISTIAN, FR
[72] WARMUTH, ALFRED, DE
[72] JOESTINGMEIER, HORST, DE
[72] CZARNY, ROMAIN, FR
[72] LOISEAUX, BRIGITTE, FR
[72] CASTERA, JEAN-PAUL, FR
[73] THALES DEUTSCHLAND GMBH, DE
[85] 2015-02-18
[86] 2013-09-12 (PCT/EP2013/068958)
[87] (WO2014/041099)
[30] EP (12184456.7) 2012-09-14

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[54] **CRAWLER ROBOT AND SUPPORTING PLATFORM**
[54] **ROBOT RAMPEUR ET PLATEFORME DE SUPPORT**
[72] DAY, DAN DRESSKELL, US
[72] ZABALLOS, KENNETH P., US
[72] CHANG, PAUL C., US
[72] JONES, DARRELL DARWIN, US
[72] BANKS, DAVID P., US
[72] KOSTENICK, PAUL G., US
[72] OLSON, KERRI L., US
[73] THE BOEING COMPANY, US
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[87] (2882420)
[22] 2015-02-18
[30] US (61/986,766) 2014-04-30
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[13] C
[51] **Int.Cl. G01P 13/00 (2006.01) A61B 5/11 (2006.01) G01B 21/00 (2006.01)**
[25] EN
[54] **IDENTIFYING MOVEMENTS USING A MOTION SENSING DEVICE COUPLED WITH AN ASSOCIATIVE MEMORY**
[54] **IDENTIFICATION DE MOUVEMENTS A L'AIDE D'UN DISPOSITIF DETECTEUR DE MOUVEMENT COUPLE A UNE MEMOIRE ASSOCIATIVE**
[72] WHELAN, JOHN DESMOND, US
[72] QUADRACCI, LEONARD JON, US
[73] THE BOEING COMPANY, US
[86] (2883697)
[87] (2883697)
[22] 2015-02-27
[30] US (14/249786) 2014-04-10

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[13] C
[51] **Int.Cl. G02B 27/26 (2006.01)**
[25] EN
[54] **STEREO PROJECTION APPARATUS AND STEREO PROJECTION SYSTEM WITH LOW THROW RATIO AND HIGH LIGHT EFFICIENCY**
[54] **APPAREIL DE PROJECTION STEREO ET SYSTEME DE PROJECTION STEREO POSSEDANT UN FAIBLE RAPPORT DE PROJECTION ET UNE HAUTE EFFICACITE LUMINEUSE**
[72] LI, YANLONG, CN
[72] DENG, XIANJUN, CN
[72] WANG, YETONG, CN
[73] SHENZHEN TIME WAYING TECHNOLOGY CO., LTD., CN
[85] 2014-12-19
[86] 2014-01-15 (PCT/CN2014/070688)
[87] (WO2015/032173)
[30] CN (201320549548.2) 2013-09-05

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[51] **Int.Cl. G06T 7/00 (2017.01) G06K 9/62 (2006.01) G06T 1/00 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING METHODS**
[54] **METHODES DE TRAITEMENT D'IMAGE**
[72] FOLKENS, BRADFORD A., US
[72] MAZUR, DOMINIK K., US
[73] CLOUDSIGHT, INC., US
[86] (2885879)
[87] (2885879)
[22] 2015-03-23
[30] US (61/975,691) 2014-04-04
[30] US (61/976,494) 2014-04-07
[30] US (14/267,840) 2014-05-01
[30] US (61/987,156) 2014-05-01
[30] US (62/031,397) 2014-07-31
[30] US (62/069,160) 2014-10-27
[30] US (62/084,509) 2014-11-25
[30] US (14/592,555) 2015-01-08

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[25] EN
[54] **SOLAR GRAIN DRYING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE SOLAIRES DE SECHAGE DU GRAIN**
[72] THOMPSON, BARRY R., US
[73] THOMPSON, BARRY R., US
[86] (2886040)
[87] (2886040)
[22] 2011-05-16
[62] 2,801,300
[30] US (12/792,185) 2010-06-02

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[13] C
[51] **Int.Cl. E02B 15/04 (2006.01) B01F 3/08 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DISPERSING OIL ON WATER**
[54] **DISPOSITIF ET PROCEDE DE DISPERSION DE PETROLE SUR L'EAU**
[72] SORSTROM, STEIN ERIK, NO
[72] NORTUG, TROND, NO
[73] SINVENT AS, NO
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[54] **CELLULASE COMPOSITION CONTAINING CELLULASE AND PAPERMAKING POLYMERS FOR PAPER DRY STRENGTH APPLICATION**
[54] **COMPOSITION DE CELLULASE CONTENANT DE LA CELLULASE ET POLYMERES DE FABRICATION DU PAPIER POUR APPLICATION DE RESISTANCE A SEC DE PAPIER**
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[72] SUTMAN, FRANK J., US
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
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[54] **FLIGHT TEST EQUIPMENT INSTALLATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'INSTALLATION D'EQUIPEMENT D'ESSAIS EN VOL**
[72] BROWN, LUKE, US
[73] THE BOEING COMPANY, US
[86] (2887456)
[87] (2887456)
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[54] **FLUORINE SUBSTITUTED CYCLIC AMINE COMPOUNDS AND PREPARATION METHODS, PHARMACEUTICAL COMPOSITIONS, AND USES THEREOF**
[54] **COMPOSES AMINES CYCLIQUES SUBSTITUES PAR DU FLUOR ET LEURS PROCEDES DE PREPARATION, COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT ET LEURS UTILISATIONS**
[72] LIU, HONG, CN
[72] ZHANG, HAIYAN, CN
[72] ZHOU, YU, CN
[72] FU, YAN, CN
[72] JIANG, HUALIANG, CN
[72] TANG, XICAN, CN
[72] CHEN, KAIXIAN, CN
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[54] **MEANS AND METHOD FOR LINING A PIPE**
[54] **MOYEN ET PROCEDE POUR DOUBLER UN TUYAU**
[72] KIEST, LARRY W., JR., US
[73] LMK TECHNOLOGIES, LLC, US
[85] 2015-04-15
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[54] **A METHOD OF BRINGING A WIND TURBINE INTO A STANDSTILL POSITION**
[54] **UNE METHODE DE PLACEMENT D'UNE TURBINE EOLIENNE EN POSITION STATIONNAIRE**
[72] EUSTERBARKEY, CARSTEN, DE
[72] SCHARLAUG, NADINE, DE
[73] SENVION SE, DE
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[54] **CONVERTIBLE LEASH AND HARNESS SYSTEM AND METHOD**
[54] **SYSTEME CONVERTIBLE DE LAISSE ET DE HARNAIS ET PROCEDE ASSOCIE**
[72] BLIZZARD, PHILIP J., US
[72] SCHWARTZ, MICHAEL T., US
[73] THUNDERSHIRT, LLC, US
[85] 2015-04-28
[86] 2013-10-29 (PCT/US2013/067228)
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[54] **RELEASABLE POLYESTER METAL TRANSFER FILM**
[54] **FILM DE TRANSFERT DE METAL DE POLYESTER LIBERABLE**
[72] MORITZ, JAN, US
[73] TORAY PLASTICS (AMERICA), INC., US
[85] 2015-05-07
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[54] **DEVICE FOR MILLING RAIL HEADS AND METHOD FOR EXCHANGING CUT EDGES IN A DEVICE OF THIS TYPE**
[54] **DISPOSITIF D'USINAGE DE TETES DE RAIL ET METHODE D'ECHANGE DE BORDS DE COUPE DANS UN DISPOSITIF DE CE TYPE**
[72] MEVERT, FRANK, DE
[73] SCHWEERBAU GMBH & CO. KG, DE
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[87] (2892095)
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[54] **PORTABLE GROUND BASED AUGMENTATION SYSTEM**
[54] **SYSTEME DE RENFORCEMENT AU SOL PORTATIF**
[72] FRIEDMAN, ROGER E, US
[72] BOOTH, JANET SUZANNE, US
[73] THE BOEING COMPANY, US
[86] (2892462)
[87] (2892462)
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[25] EN
[54] **METHOD AND APPARATUS FOR ESTIMATING FOULING FACTOR AND/OR INVERSE SOLUBLE SCALE THICKNESS IN HEAT TRANSFER EQUIPMENT**
[54] **PROCEDE ET APPAREIL PERMETTANT D'ESTIMER UN FACTEUR D'ENCRASSEMENT ET/OU UNE EPAISSEUR DE TARTRE A SOLUBILITE INVERSE DANS UN EQUIPEMENT DE TRANSFERT THERMIQUE**
[72] BLISS, TERRY LYNN, US
[72] PATTERSON, TIMOTHY FREDERICK, US
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
[85] 2015-05-25
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[25] EN
[54] **WHIPSTOCK ASSEMBLY HAVING ANCHOR AND ECCENTRIC PACKER**
[54] **DISPOSITIF DE SIFFLET DEVIATEUR COMPORTANT UN ANCRAGE ET UNE GARNITURE EXCENTRIQUE**
[72] GLASER, MARK C., US
[72] CHAN, PETER K., US
[72] NORTHAM, PAUL R., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **PANE HAVING AN ELECTRIC HEATING LAYER**
[54] **VITRE DOTEE D'UNE COUCHE CHAUFFANTE ELECTRIQUE**
[72] PHAN, DANG CUONG, DE
[72] DIMITRIJEVIC, BOJAN, DE
[72] SCHALL, GUNTHER, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **GEO-LOCATION BASED EVENT GALLERY**
[54] **GALERIE D'ACTIVITES BASEE SUR L'EMPLACEMENT GEOGRAPHIQUE**
[72] SPIEGEL, EVAN, US
[72] MURPHY, ROBERT CORNELIUS, US
[72] ALLEN, NICHOLAS RICHARD, US
[73] SNAPCHAT, INC., US
[86] (2894332)
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[54] **STRADDLE PACKER HAVING UPPER AND LOWER EQUALIZING VALVES**
[54] **GARNITURE DOUBLE COMPORTANT DES VANNES D'EQUILIBRAGE SUPERIEURE ET INFERIEURE**
[72] NETTLES, DAMON HENRY, US
[72] MITCHELL, MICHAEL WILBERT, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2894839)
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[54] **SUPERSATURATED STABILIZED NANOPARTICLES FOR POORLY SOLUBLE DRUGS**
[54] **NANOPARTICULES STABILISEES SUPER SATUREES POUR DES MEDICAMENTS MEDIOCREMENT SOLUBLES**
[72] DESAI, DIPEN, US
[72] PHUAPRADIT, WANTANEE, US
[72] JAIN, ANEKANT, US
[72] THONGSUKMAK, ATSAWIN, US
[72] SHAH, NAVNIT H., US
[73] KASHIV PHARMA, LLC, US
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[54] **METHOD FOR GENERATING A DIAGNOSTIC FROM A DEVIATION OF A FLOW METER PARAMETER**
[54] **PROCEDE POUR GENERER UN DIAGNOSTIC A PARTIR D'UN ECART D'UN PARAMETRE DE DEBITMETRE**
[72] CUNNINGHAM, TIMOTHY J., US
[72] PATTEN, ANDREW TIMOTHY, US
[73] MICRO MOTION, INC., US
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[87] (2895864)
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[54] **THERMAL INSULATION PRODUCTS AND PRODUCTION OF THERMAL INSULATION PRODUCTS**
[54] **PRODUITS D'ISOLATION THERMIQUE ET PRODUCTION DE PRODUITS D'ISOLATION THERMIQUE**
[72] SMITH, DOUGLAS M., US
[73] NANOPORE, INC., US
[85] 2015-07-02
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[30] US (13/741,194) 2013-01-14
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[54] **DISPOSITIF PORTATIF POUR TRAITEMENT DE PEAU ALIMENTE EN ENERGIE**
[72] GIMELLI, BRUNO, CH
[72] DOYLE JAMES, N., JR., US
[73] SWISS SPA SYSTEM LTD., CN
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[54] **NOISE FILLING IN PERCEPTUAL TRANSFORM AUDIO CODING**
[54] **INTRODUCTION DE BRUIT DANS UN CODAGE AUDIO A TRANSFORMATION PERCEPTUELLE**
[72] DISCH, SASCHA, DE
[72] GAYER, MARC, DE
[72] HELMRICH, CHRISTIAN, DE
[72] MARKOVIC, GORAN, DE
[72] LUIS VALERO, MARIA, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **ARRAY-BASED LIGHTING SYSTEMS AND METHODS OF MANUFACTURING**
[54] **DISPOSITIFS D'ECLAIRAGE EN RESEAU ET METHODES DE FABRICATION**
[72] CAMP, RANDOLPH C., III, US
[73] THE BOEING COMPANY, US
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[54] **PRETREATED GOLD ORE**
[54] **MINERAI D'OR PRETRAITE**
[72] HATANO, KAZUHIRO, JP
[72] AOTO, YUKI, JP
[72] NAKAMURA, TAKESHI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2015-07-22
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[54] **SOFT TISSUE REPAIR ALLOGRAFTS AND METHODS FOR PREPARING SAME**
[54] **ALLOGREFFES DE REPARATION DE TISSU MOU ET PROCEDE POUR PREPARER CELLES-CI**
[72] LOCARNO, MICHAEL, US
[72] CHOI, BRYAN J., US
[72] NGO, MANH-DAN, US
[73] MUSCULOSKELETAL TRANSPLANT FOUNDATION, US
[85] 2015-07-28
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[54] **FIXATION OF BONE IMPLANTS**
[54] **FIXATION D'IMPLANTS OSSEUX**
[72] STALCUP, GREGORY C., US
[72] KNAPP, TROY D., US
[72] GEELS, TRAVIS J., US
[73] SMED-TA/TD, LLC, US
[85] 2015-08-07
[86] 2014-03-12 (PCT/US2014/024541)
[87] (WO2014/150920)
[30] US (61/789,158) 2013-03-15
[30] US (14/204,693) 2014-03-11

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[25] EN
[54] **MICRONEEDLE COATING COMPOSITION AND MICRONEEDLE DEVICE**
[54] **COMPOSITION DE REVETEMENT DE MICRO-AIGUILLE ET DISPOSITIF A MICRO-AIGUILLE**
[72] MACHIDA, KAZUYA, JP
[72] TOKUMOTO, SEIJI, JP
[72] KAMINAKA, KAZUYOSHI, JP
[72] ISHIKAWA, YUJI, JP
[73] HISAMITSU PHARMACEUTICAL CO., INC., JP
[85] 2015-08-11
[86] 2014-02-12 (PCT/JP2014/053198)
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[25] EN
[54] **METHOD FOR TREATMENT OF MICROORGANISMS DURING PROPAGATION, CONDITIONING AND FERMENTATION USING HOPS ACID EXTRACTS AND ORGANIC ACID**
[54] **PROCEDE DE TRAITEMENT DE MICROORGANISMES PENDANT LA PROPAGATION, LE CONDITIONNEMENT ET LA FERMENTATION A L'AIDE D'EXTRAITS D'ACIDE DE HOUBLON ET D'ACIDE ORGANIQUE**
[72] CHAPMAN, JOHN S., US
[72] CONSALO, CORINNE E., US
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
[85] 2015-08-12
[86] 2014-03-14 (PCT/US2014/028129)
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[54] **DEMULTIPLEXING APPARATUS, MULTIPLEXING APPARATUS, AND RELAY APPARATUS**
[54] **APPAREIL DE DEMULTIPLEXAGE, APPAREIL DE MULTIPLEXAGE ET APPAREIL DE RELAIS**
[72] FUJIMURA, AKINORI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2015-08-13
[86] 2013-02-14 (PCT/JP2013/053538)
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[25] EN
[54] **BEARING**
[54] **PALIER**
[72] CORDTS, DETLEF, DE
[73] CARL FREUDENBERG KG, DE
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[30] DE (10 2013 005 034.0) 2013-03-25
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[51] **Int.Cl. G01N 15/04 (2006.01) E21B 47/005 (2012.01) E21B 33/14 (2006.01)**
[25] EN
[54] **A DEVICE FOR MEASURING THE AMOUNT OF FREE FLUID IN A COLLOID IN A HORIZONTAL POSITION**
[54] **DISPOSITIF PERMETTANT DE MESURER LA QUANTITE DE FLUIDE LIBRE DANS UN COLLOIDE EN POSITION HORIZONTALE**
[72] SCHWARTZ, MICHAEL W., US
[72] GRAY, DENNIS, US
[72] IVERSON, BENJAMIN J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-01
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[25] EN
[54] **DE-CARBONIZING PROCESS FOR COMBUSTION COMPONENT CLEANING**
[54] **PROCEDE DE DECARBONISATION CONCU POUR LE NETTOYAGE DE COMPOSANTES DE COMBUSTION**
[72] HISCHIER, MARK E., US
[72] HEWGILL, GREGORY, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-09-15
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[30] US (61/793,159) 2013-03-15

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[51] **Int.Cl. B62K 25/08 (2006.01)**
[25] EN
[54] **VARIABLE HEIGHT INFINITELY ADJUSTABLE FORK ADAPTABLE TO VARIOUS WHEEL SIZES**
[54] **FOURCHE REGLABLE SANS FIN EN HAUTEUR ADAPTABLE A DIVERSES TAILLES DE ROUES**
[72] BOCK, COLIN, CA
[72] TRAN, DUY, CA
[73] FREEDOM CONCEPTS INC., CA
[86] (2904923)
[87] (2904923)
[22] 2015-09-22
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[51] **Int.Cl. B08B 3/02 (2006.01) B05D 1/04 (2006.01) F02C 7/00 (2006.01)**
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[54] **REAR MOUNTED WASH MANIFOLD AND PROCESS**
[54] **TUBULURE DE LAVAGE MONTEE A L'ARRIERE ET PROCEDE**
[72] DORSHIMER, KURT, US
[72] WELCH, WILLIAM J., US
[72] RICE, ROBERT M., US
[72] NORDLUND, SEBASTIAN, SE
[72] ZADRICK, WAYNE, US
[73] ECOSERVICES, LLC, US
[85] 2015-09-10
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[30] US (13/799,545) 2013-03-13

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[51] **Int.Cl. C23C 22/34 (2006.01) C23C 22/80 (2006.01) C23C 22/83 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING AND TREATING A STEEL SUBSTRATE**
[54] **PROCEDE DE PREPARATION ET DE TRAITEMENT D'UN SUBSTRAT D'ACIER**
[72] OKERBERG, BRIAN C., US
[72] VARGAS, RICHARD M., US
[72] BRENT, RANDALL J., US
[72] MCINTYRE, JOHN F., US
[72] MCMILLEN, MARK W., US
[72] SILVERNAIL, NATHAN J., US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **APPAREIL D'INSPECTION DE SURFACE EXTERIEURE DE TUYAU**
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[72] PERKINS, RANDALL L., US
[72] KARASEK, BRYAN, US
[73] AEGION COATING SERVICES, LLC, US
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[54] **BOITIER DE DISPOSITIF ELECTRONIQUE ET RECIPIENT**
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[72] HERMANSSON, SOFIA, SE
[73] SCA HYGIENE PRODUCTS AB, SE
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[54] **PROCEDE EFFICACE DE TRANSFERT D'IMAGES ECRAN**
[72] IGNATCHENKO, SERGEY, AT
[72] LIGOUM, DMITRI, CA
[73] OLOGN TECHNOLOGIES AG, LI
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[54] **PANNEAU DE PROJECTION COMMUTABLE**
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[73] WANG, JIANSHENG, US
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[54] **PROCEDE ET DISPOSITIF DE TEST D'UN TRANSFORMATEUR**
[72] JAGER, MARKUS, AT
[72] KRUGER, MICHAEL, AT
[72] ATLAS, DMITRY, AT
[72] PREDL, FLORIAN, AT
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[54] **SOUFFLANTE A REGISTRE INTEGRE AYANT UNE ETANCHEITE A L'AIR AMELIOREE**
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[73] CENDORI CO., LTD., KR
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[54] **SIDE GUSSET BAG FOR PACKAGING A PRODUCT**
[54] **SAC A GOUSSET LATERAL DESTINE AU CONDITIONNEMENT D'UN PRODUIT**
[72] TAKIGAWA, HIROYUKI, JP
[73] TAKIGAWA CORPORATION JAPAN, JP
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[54] **BOISSON AU THE ET SON PROCEDE DE PREPARATION**
[72] HAN, ZHENGCHUN, CN
[72] WANG, YONGFU, CN
[72] ZHONG, JIPING, CN
[72] JIN, JUN, CN
[72] HUANG, YUAN, CN
[72] XUE, LIAN, CN
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[54] **GARNITURE DE TETE A AJUSTEMENT AUTOMATIQUE POUR UNE INTERFACE PATIENT**
[72] MCLAREN, MARK ARVIND, NZ
[72] HAMMER, JEROEN, NZ
[72] KAPELEVICH, VITALY, NZ
[72] HUDDART, BRETT JOHN, NZ
[73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **CASSETTE MODULE HAVING AN INTEGRATED CENTRIFUGAL PUMP UNIT**
[54] **MODULE A CASSETTE COMPORTANT UN MODULE DE POMPE CENTRIFUGE INTEGRE**
[72] HEIDE, ALEXANDER, DE
[72] OERTER, GOKHAN, DE
[72] WEIS, MANFRED, DE
[72] WENKE, MARINA, DE
[72] WIKTOR, CHRISTOPH, DE
[72] WABER, UDO, DE
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[54] **SERINGUE AUTO-ORIENTANTE ET INTERFACE DE SERINGUE**
[72] TUCKER, BARRY L., US
[72] COWAN, KEVIN P., US
[72] UBER, ARTHUR E., US
[72] RHINEHART, EDWARD J., US
[72] SPOHN, MICHAEL A., US
[73] BAYER HEALTHCARE LLC, US
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[54] **POWER SUPPLY SYSTEM AND OPEN CIRCUIT VOLTAGE CONTROL METHOD FOR FUEL CELL**
[54] **SYSTEME D'APPROVISIONNEMENT D'ALIMENTATION ET METHODE DE COMMANDE DE TENSION EN CIRCUIT OUVERT DESTINES A UNE PILE A COMBUSTIBLE**
[72] YAMANAKA, TOMIO, JP
[72] NADA, MITSUHIRO, JP
[72] SUZUKI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **SYSTEMS AND METHODS FOR DELIVERING BONE CONDUCTION STIMULI TO AND FOR MEASURING GRAVITATION RECEPTOR FUNCTIONS OF THE INNER EAR**
[54] **SYSTEMES ET PROCEDES POUR APPLIQUER DES STIMULI PAR CONDUCTION OSSEUSE ET POUR MESURER LES FONCTIONS DES RECEPTEURS GRAVITATIONNELS DE L'OREILLE INTERNE**
[72] WACKYM, PHILLIP ASHLEY, US
[72] WACKYM, ASHTON RHYS, US
[73] EAR AND SKULL BASE CENTER, P.C., US
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[54] **CONTROL OF FUEL DISCHARGE OF A FUEL CELL**
[54] **CONTROLE DE DECHARGE DE COMBUSTIBLE D'UNE PILE A COMBUSTIBLE**
[72] YAMAMOTO, KAZUO, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[72] CHENG, CHIEH-MIN, US
[72] YOUNG, ERIC J., US
[72] TIN, RANDY P., US
[72] SCHNEIDER, JAY L., US
[72] CHUNG, JOO T., US
[73] XEROX CORPORATION, US
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[54] **ACTIVATORS OF TUMOR SUPPRESSOR PROTEIN P53 PATHWAY AND THERAPEUTIC APPLICATIONS THEREOF**
[54] **ACTIVATEURS DE PARCOURS DE PROTEINE P53 SUPPRESSIVE DE TUMEUR ET APPLICATIONS THERAPEUTIQUES ASSOCIEES**
[72] LAIHO, MARIKKI, FI
[72] PELTONEN, KARITA, FI
[73] THE JOHNS HOPKINS UNIVERSITY, US
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[72] SUN, HUBERT KEN, US
[73] DELPHIX CORP., US
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[54] **PROCEDES ET APPAREILS POUR EVALUATION DE CANAL LIBRE (CCA)**
[72] MERLIN, SIMONE, US
[72] TIAN, BIN, US
[72] VERMANI, SAMEER, US
[72] BAIK, EUGENE JONG-HYON, US
[73] QUALCOMM INCORPORATED, US
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[54] **CROSS-LAYER PARALLEL PROCESSING AND OFFSET DELAY PARAMETERS FOR VIDEO CODING**
[54] **TRAITEMENT PARALLELE INTER-COUCHE ET PARAMETRES DE DELAI DE DECALAGE POUR CODAGE VIDEO**
[72] RAPAKA, KRISHNAKANTH, US
[72] WANG, YE-KUI, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[73] QUALCOMM INCORPORATED, US
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[54] **PARAMETRES DE TRAITEMENT PARALLELE ENTRE COUCHES (« CROSS-LAYER ») ET DE RETARD A DECALAGE POUR LE CODAGE VIDEO**
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[72] WANG, YE-KUI, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[73] QUALCOMM INCORPORATED, US
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[72] RICHTER, MARKUS, DE
[72] WILLSCH, MICHAEL, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **AIRCRAFT SEAL**
[54] **SIEGE D'AVION**
[72] NESTEL, ERIC D., US
[72] LIVENGOOD, THOMAS, US
[72] SIMPSON, BILLY, US
[73] B/E AEROSPACE, INC., US
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[54] **SYSTEME ET PROCEDE POUR REGULER THERMIQUEMENT UN AFFICHAGE ELECTRONIQUE**
[72] DUNN, WILLIAM R., US
[73] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
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[54] **TROUSSE DE FABRICATION DE CHAPEAU ET METHODE DE CONDITIONNEMENT ASSOCIEE**
[72] LOMBARDI, DOMINICK, US
[72] SCHMITZ, LUIS CARLOS, BR
[73] THE DOLLFUS MIEG COMPANY, INC., US
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[54] **SYSTEME D'ELEMENT RAPPORTE POUR DE TROU DE PURGE**
[72] FLINT, JOHN NOEL, AU
[72] OLDFIELD, LYNNE, AU
[73] FLINT, JOHN NOEL, AU
[73] OLDFIELD, LYNNE, AU
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[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] KAWAHARA, SHUYA, JP
[72] HASEGAWA, SHIGEKI, JP
[72] YAMAUE, KEITA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **OPTIMIZED FC VARIANTS AND METHODS FOR THEIR GENERATION**
[54] **VARIANTS FC OPTIMISES ET LEURS PROCEDES DE GENERATION**
[72] LAZAR, GREGORY ALAN, US
[72] CHIRINO, ARTHUR J., US
[72] DANG, WEI, US
[72] DESJARLAIS, JOHN RUDOLPH, US
[72] DOBERSTEIN, STEPHEN KOHL, US
[72] HAYES, ROBERT J., US
[72] KARKI, SHER BAHADUR, US
[72] VAFA, OMID, US
[73] XENCOR, INC., US
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[54] **METHOD AND APPARATUS FOR MAINTAINING PRIORITY AND QUALITY OF SERVICE ACROSS MULTI-USER DEVICES**
[54] **PROCEDE ET APPAREIL POUR MAINTENIR LA PRIORITE ET LA QUALITE DE SERVICE A TRAVERS DES DISPOSITIFS MULTIUTILISATEUR**
[72] MAO, WEI, US
[72] MILLER, TRENT J., US
[72] SCHULER, FRANCESCA, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-12-24
[86] 2014-06-19 (PCT/US2014/043097)
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[54] **INTELLIGENT AUTOMATED AGENT FOR A CONTACT CENTER**
[54] **AGENT AUTOMATISE INTELLIGENT POUR UN CENTRE DE CONTACT**
[72] RIAHI, AKBAR, US
[72] RISTOCK, HERBERT WILLI ARTUR, US
[73] GREENEDEN U.S. HOLDINGS II, LLC, US
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[25] EN
[54] **AUDIO PROCESSOR FOR ORIENTATION-DEPENDENT PROCESSING**
[54] **PROCESSEUR AUDIO POUR UN TRAITEMENT DEPENDANT DE L'ORIENTATION**
[72] LESCHKA, FLORIAN, DE
[72] PLOGSTIES, JAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] EP (14160878.6) 2014-03-20

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[51] **Int.Cl. E21B 23/14 (2006.01) E21B 7/04 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ORIENTING IN A WELLBORE**
[54] **PROCEDES ET SYSTEMES D'ORIENTATION DANS UN PUITS DE FORAGE**
[72] SAURER, DAN PARNELL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SELLE EQUESTRE**
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[73] EQUILINE S.R.L., IT
[85] 2016-01-11
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[25] EN
[54] **APPARATUS AND METHOD FOR ORIENTING A BEVERAGE CONTAINER END CLOSURE AND APPLYING INDICIA IN A PREDETERMINED LOCATION**
[54] **APPAREIL ET PROCEDE POUR ORIENTER UN COUVERCLE D'UN CONTENANT DE BOISSON ET APPLIQUER DES INDICATIONS A UN EMPLACEMENT PREDETERMINE**
[72] ELLEFSON, DEAN C., US
[73] BALL CORPORATION, US
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[54] **SPHERICAL POWDER AND ITS PREPARATION**
[54] **POUDRE SPHERIQUE ET SA PREPARATION**
[72] SHEVCHENKO, RUSLAN ALEKSEEVICH, RU
[72] CHUKANOV, ANDREY PAVLOVICH, RU
[72] SAFRONOV, BORIS VLADIMIROVICH, RU
[72] NADEZHDIN, YURI GENNADIEVICH, RU
[72] VAKHRUSHIN, ALEXANDER YURIEVICH, RU
[73] METASPHERE TECHNOLOGY AB, SE
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[25] FR
[54] **ROTARY-OSCILLATING SUBASSEMBLY AND ROTARY-OSCILLATING VOLUMETRIC PUMPING DEVICE FOR VOLUMETRICALLY PUMPING A FLUID**
[54] **SOUS-ENSEMBLE OSCILLO-ROTATIF ET DISPOSITIF DE POMPAGE VOLUMETRIQUE OSCILLO-ROTATIF POUR POMPAGE VOLUMETRIQUE D'UN FLUIDE**
[72] WATTELLIER, ARNAUD, FR
[72] DEHAN, CHRISTOPHE, FR
[73] EVEON, FR
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[54] **WIND TURBINE HAVING A REDUCED RADAR CROSS SECTION**
[54] **EOLIENNE POSSEDANT SECTION EFFICACE EN RADAR REDUITE**
[72] FIXTER, GREG PETER WADE, GB
[72] SPOONER, CHRISTOPHER DOUGLAS JAMES, GB
[72] PERRY, CHRISTOPHER JAMES, GB
[72] SAVAGE, VINCENT, GB
[73] QINETIQ LIMITED, GB
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[54] **APPARATUS FOR TRANSMITTING AN ELECTRIC CURRENT TO A ROTATABLY MOUNTED ROTATION BODY**
[54] **DISPOSITIF POUR TRANSMETTRE UN COURANT ELECTRIQUE A UN CORPS DE REVOLUTION LOGE DE MANIERE A POUVOIR TOURNER**
[72] HARTMANN, ULRICH, DE
[72] RAKOWICZ, MARIAN, DE
[72] SCHILLER, CHRISTIAN, DE
[72] SCHWENGBER-WALTER, ROBERT, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **METHOD OF USING SURFACE MODIFYING TREATMENT AGENTS TO TREAT SUBTERRANEAN FORMATIONS**
[54] **PROCEDE D'UTILISATION D'AGENTS DE TRAITEMENT DE MODIFICATION DE SURFACE POUR TRAITER DES FORMATIONS SOUTERRAINES**
[72] LANT, KIMBERLY, US
[72] BESTAOUI-SPURR, NAIMA, US
[72] BHADURI, SUMIT, US
[72] CREWS, JAMES B., US
[72] LE, HOANG, US
[72] MONROE, TERRY D., US
[72] QU, QI, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **AIRCRAFT LANDING GEAR INCLUDING A TELESCOPIC LINEAR ROD**
[54] **ATTERRISSEUR D'AERONEF COMPRENANT UNE TIGE LINEAIRE TELESCOPIQUE**
[72] NECCI, CARLO, FR
[73] MESSIER-BUGATTI-DOWTY, FR
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[54] **PALLET-SIZED SHIPPING AND DISPLAY TRAY**
[54] **PLATEAU DE PRESENTATION ET D'EXPEDITION SUR PALETTE**
[72] ADAMS, WESLEY N., US
[73] INTERNATIONAL PAPER COMPANY, US
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[25] EN
[54] **METHODS AND PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF HEPATITIS B VIRUS INFECTION**
[54] **METHODES ET COMPOSITIONS PHARMACEUTIQUES POUR TRAITER UNE INFECTION PAR LE VIRUS DE L'HEPATITE B**
[72] ANDRE, PATRICE, FR
[72] LOTTEAU, VINCENT, FR
[72] RADREAU, PAULINE, FR
[72] GILARDONE, MARINE, FR
[72] PATIN, AMAURY, CH
[72] ROCHE, DIDIER, FR
[72] CRAVO, DANIEL, FR
[72] HALLAKOU-BOZEC, SOPHIE, FR
[73] POXEL, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] UNIVERSITE CLAUDE BERNARD-LYON 1, FR
[73] ENS - ECOLE NORMALE SUPERIEURE DE LYON, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] EDELRIS, FR
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[54] **INTERLOCKING AND SETTING SECTION FOR A DOWNHOLE TOOL**
[54] **SECTION DE BLOCAGE ET INSTALLATION D'UN OUTIL DE FOND DE TROU**
[72] MACLEOD, IAIN, GB
[72] ELRICK, ANDREW, GB
[72] REID, STEPHEN, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[87] (2923108)
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[54] **METHOD OF RESIDUE DIFFERENTIAL PULSE-CODE MODULATION FOR HEVC RANGE EXTENSION**
[54] **PROCEDE DE MODULATION D'IMPULSIONS CODEES DIFFERENTIELLES RESIDUELLE POUR EXTENSION DE PLAGE HEVC**
[72] LAI, WANG-LIN, US
[72] LIU, SHAN, US
[73] HFI INNOVATION INC., CN
[85] 2016-03-04
[86] 2014-10-08 (PCT/US2014/059604)
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[25] EN
[54] **FUEL/AIR MIXTURE AND COMBUSTION APPARATUS**
[54] **MELANGE AIR/CARBURANT ET APPAREIL DE COMBUSTION**
[72] AKBARIMONFARED, AMIN, US
[72] SHELLENBERGER, TIMOTHY J., US
[72] NEIHOUSE, ROBERT STEVEN, US
[72] WILLBANKS, SCOTT ALAN, US
[72] FARLEY, DARRYL, US
[72] WHALEN, NATHAN TAYLOR, US
[72] REED, SHAWN ALLEN, US
[73] RHEEM MANUFACTURING COMPANY, US
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[25] EN
[54] **APPARATUS FOR PREVENTING SEPARATION OF DOWNHOLE MOTOR FROM DRILLSTRING**
[54] **APPAREIL DESTINE A EMPECHER LA SEPARATION D'UN MOTEUR DE FOND DE TROU D'UN TRAIN DE TIGES DE FORAGE**
[72] WILSON, JAMES A., US
[72] ALTIMAS, GREGORY R., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[25] EN
[54] **METHOD AND END ASSEMBLY FOR WELDING DEVICE**
[54] **METHODE ET ASSEMBLAGE D'EXTREMITE D'UN DISPOSITIF DE SOUDAGE**
[72] COOPER, EDWARD L., US
[72] HAYES, STEVEN J., US
[73] ELCO ENTERPRISES, INC., US
[86] (2924943)
[87] (2924943)
[22] 2016-03-24
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[25] EN
[54] **PERSONAL WATER CRAFT DRIVE-ON DOCK**
[54] **CALE SECHE FLOTTANTE D'EMBARCATION PERSONNELLE**
[72] DOIG, DANIEL, CA
[73] DOIG, DANIEL, CA
[86] (2925254)
[87] (2925254)
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[51] **Int.Cl. B64C 27/56 (2006.01) B64C 13/04 (2006.01)**
[25] FR
[54] **CONTROL SYSTEM FOR A ROTORCRAFT ROTOR, ROTORCRAFT EQUIPPED WITH SUCH A SYSTEM AND ASSOCIATED CONTROL METHOD**
[54] **SYSTEME DE COMMANDE D'UN ROTOR DE GIRAVION, GIRAVION EQUIPE D'UN TEL SYSTEME ET METHODE DE COMMANDE ASSOCIEE**
[72] VALLART, JEAN-BAPTISTE, FR
[72] BYZERY, ROMEO, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2925675)
[87] (2925675)
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[54] **MAIZE HYBRID X85H793**
[54] **MAIS HYBRIDE X85H793**
[72] CARRIGAN, LORI LISA, US
[72] KING, STEVEN PAUL, CA
[72] SZALMA, STEPHEN JOSEPH, US
[72] WALCH, MATTHEW DAVID, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
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[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
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[54] **APPARATUS AND METHOD FOR ADMINISTERING REDUCED PRESSURE TREATMENT TO A TISSUE SITE**
[54] **APPAREIL ET PROCEDE D'ADMINISTRATION D'UN TRAITEMENT PAR PRESSION REDUITE SUR UN SITE TISSULAIRE**
[72] SANDERS, BLANE, US
[72] HEATON, KEITH PATRICK, GB
[72] HARDMAN, IAN JAMES, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] BEARD, MARK STEPHAN JAMES, GB
[72] JAEB, JONATHAN PAUL, GB
[72] KIESWETTER, KRISTINE, US
[72] JOHNSON, ROYCE W., US
[72] INGRAM, SHANNON C., US
[73] KCI LICENSING, INC., US
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[54] **APPARATUS AND METHODS OF MULTIPLEXING TRANSMISSIVE OPTICAL SENSORS**
[54] **APPAREIL ET PROCEDES DE MULTIPLEXAGE DE CAPTEURS OPTIQUES TRANSMISSIFS**
[72] LEBLANC, MICHEL JOSEPH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-01
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[51] **Int.Cl. C09C 1/30 (2006.01) C08K 9/00 (2006.01) C09C 3/06 (2006.01) C09C 3/08 (2006.01)**
[25] EN
[54] **TREATED FILLERS, COMPOSITIONS CONTAINING SAME, AND ARTICLES PREPARED THEREFROM**
[54] **CHARGES TRAITEES, COMPOSITIONS CONTENANT CELLES-CI ET ARTICLES PREPARES A PARTIR DE CELLES-CI**
[72] OKEL, TIMOTHY ALLEN, US
[72] VOTRUBA-DRZAL, PETER LAWRENCE, US
[72] MARTIN, JUSTIN JONATHAN, US
[72] KOLLAH, RAPHAEL, US
[72] WILT, TRUMAN, US
[72] REARICK, BRIAN, US
[72] EDELMAN, CLINT STEVEN, US
[72] ANDERSON, LINDA K., US
[72] WANG, FENG, US
[72] OLSON, KURT, US
[73] PPG INDUSTRIES OHIO, INC., US
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[25] EN
[54] **WHOLE HOUSE AND POWER SYSTEM ANALYSIS VIA GRID CONNECTED APPLIANCE**
[54] **ANALYSE DE SYSTEME ELECTRIQUE ET DOMESTIQUE COMPLETE AU MOYEN D'UN APPAREIL RELIE AU RESEAU**
[72] MCCULLOUGH, JASON, US
[72] REHBERG, ERIC, US
[73] BATTELLE MEMORIAL INSTITUTE, US
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[54] **CONJUGUES MEDICAMENT-POLYMERE-PROTEINE**
[72] SMITH, ROGER A., US
[72] DAMLE, NITIN K., US
[72] YURKOVETSKIY, ALEKSANDR V., US
[72] YIN, MAO, US
[72] LOWINGER, TIMOTHY B., US
[72] THOMAS, JOSHUA D., US
[72] STEVENSON, CHERI A., US
[72] GURIJALA, VENU R., US
[73] ASANA BIOSCIENCES, LLC, US
[85] 2016-04-08
[86] 2014-10-10 (PCT/US2014/060181)
[87] (WO2015/054669)
[30] US (61/890,065) 2013-10-11
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[51] **Int.Cl. B29C 64/124 (2017.01) B29C 64/259 (2017.01) B29C 64/321 (2017.01)**
[25] EN
[54] **IMPROVED CARTRIDGE FOR A STEREOLITHOGRAPHY MACHINE, STEREOLITHOGRAPHY MACHINE SUITED TO HOUSE SAID IMPROVED CARTRIDGE AND METHOD FOR USING SAID IMPROVED CARTRIDGE**
[54] **CARTOUCHE PERFECTIONNEE POUR UNE MACHINE DE STEREOLITHOGRAPHIE, MACHINE DE STEREOLITHOGRAPHIE APPROPRIEE POUR CONTENIR LADITE CARTOUCHE PERFECTIONNEE ET PROCEDE D'UTILISATION DE LADITE CARTOUCHE PERFECTIONNEE**
[72] COSTABEBER, ETTORE MAURIZIO, IT
[73] COSTABEBER, ETTORE MAURIZIO, IT
[85] 2016-04-12
[86] 2014-12-17 (PCT/IB2014/067038)
[87] (WO2015/092717)
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[51] **Int.Cl. G02C 11/02 (2006.01) G02C 1/06 (2006.01) G02C 5/14 (2006.01)**
[25] EN
[54] **MODULAR EYEGLASSES WITH INTERCHANGEABLE TEMPLES AND FACADES**
[54] **LUNETTES MODULAIRES AVEC BRANCHES ET FACADES INTERCHANGEABLES**
[72] DARCY, JESSICA, US
[73] FUNOOGLES, LLC, US
[85] 2016-04-15
[86] 2014-10-15 (PCT/US2014/060711)
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[30] US (13/998,247) 2013-10-15

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[51] **Int.Cl. H01L 29/747 (2006.01) H01L 27/102 (2006.01) H01L 29/73 (2006.01)**
[25] EN
[54] **SYSTEMS, CIRCUITS, DEVICES, AND METHODS WITH BIDIRECTIONAL BIPOLAR TRANSISTORS**
[54] **SYSTEMES, CIRCUITS, DISPOSITIFS ET PROCEDES AVEC TRANSISTORS BIPOLAIRES BIDIRECTIONNELS**
[72] BLANCHARD, RICHARD A., US
[72] ALEXANDER, WILLIAM C., US
[73] IDEAL POWER INC., US
[85] 2016-04-15
[86] 2014-06-24 (PCT/US2014/043962)
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[30] US (61/914,491) 2013-12-11
[30] US (61/914,538) 2013-12-11
[30] US (61/924,884) 2014-01-08
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[30] US (61/928,133) 2014-01-16
[30] US (61/928,644) 2014-01-17
[30] US (61/929,731) 2014-01-21
[30] US (61/929,874) 2014-01-21
[30] US (61/933,442) 2014-01-30
[30] US (62/007,004) 2014-06-03
[30] US (62/008,275) 2014-06-05

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[13] C
[51] **Int.Cl. B29C 45/18 (2006.01)**
[25] EN
[54] **MOLDING TOOLS WITH INTERCHANGEABLE INSERTS TO FORM A VARIETY OF PARTS WITH DIFFERING GEOMETRIES FROM A SINGLE TOOL**
[54] **OUTILS DE MOULAGE AYANT DES INSERTS INTERCHANGEABLES POUR FORMER UNE VARIETE DE PIECES DE GEOMETRIES DIFFERENTES A PARTIR D'UN SEUL OUTIL**
[72] COOK, JOSEPH R., US
[73] COOK, JOSEPH R., US
[85] 2016-04-18
[86] 2014-10-20 (PCT/US2014/061365)
[87] (WO2015/058189)
[30] US (14/057,656) 2013-10-18

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[13] C
[51] **Int.Cl. A01N 63/00 (2006.01) A01P 1/00 (2006.01)**
[25] FR
[54] **METHOD FOR BIOLOGICALLY COMBATING NAEGLERIA FOWLERI, AND DISINFECTING AGENT CONTAINING PROTOZOA OF THE SPECIES WILLAERTIA MAGNA**
[54] **PROCEDE DE LUTTE BIOLOGIQUE CONTRE NAEGLERIA FOWLERI, ET AGENT DESINFECTANT CONTENANT DES PROTOZOAIRES DE L'ESPECE WILLAERTIA MAGNA**
[72] PLASSON, FABRICE, FR
[72] MAMERI, MOUH OULHADJ, FR
[73] AMOEBA, FR
[85] 2016-04-20
[86] 2014-10-22 (PCT/FR2014/052691)
[87] (WO2015/059411)
[30] FR (1360347) 2013-10-23

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[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 21/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SWITCH BETWEEN REDUNDANT CONTROL SYSTEMS FOR A SUBSURFACE SAFETY VALVE**
[54] **PERMUTATION ENTRE DES SYSTEMES DE COMMANDE REDONDANTS POUR UNE SOUPAPE DE SURETE DE SUBSURFACE**
[72] JONES, BRETT C., US
[72] KUCERA, SAMUEL C., US
[72] HAIR, MICHAEL L., US
[72] BEALL, CLIFFORD H., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-04-21
[86] 2014-11-07 (PCT/US2014/064634)
[87] (WO2015/073326)
[30] US (14/078,152) 2013-11-12

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[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/03 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **TREATMENT OF SILICEOUS MATERIALS USING CATECHOL AND AMINES IN SUBTERRANEAN APPLICATIONS**
[54] **TRAITEMENT DE MATIERES SILICEUSES A L'AIDE DE CATECHOL ET D'AMINES DANS DES APPLICATIONS SOUTERRAINES**
[72] MCDANIEL, CATO RUSSELL, US
[72] JAMISON, DALE E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-21
[86] 2013-12-06 (PCT/US2013/073528)
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[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING WELDING TYPE POWER**
[54] **METHODE ET APPAREIL SERVANT A FOURNIR UNE ALIMENTATION DE TYPE SOUDAGE**
[72] HENRY, ANDREW J., US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2929352)
[87] (2929352)
[22] 2016-05-09
[30] US (14/802,443) 2015-07-17

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[51] **Int.Cl. H01R 13/713 (2006.01) H01R 13/44 (2006.01)**
[25] EN
[54] **ELECTRIC SAFETY CIRCUIT FOR USE WITH AN ELECTRIC RECEPTACLE**
[54] **CIRCUIT DE SECURITE ELECTRIQUE DESTINE A UNE UTILISATION AVEC UN RECEPTACLE ELECTRIQUE**
[72] AVITAN, SIMON (DECEASED), US
[73] AVITAN, DVORA, US
[85] 2015-12-04
[86] 2013-06-06 (PCT/US2013/044531)
[87] (WO2014/196977)

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[13] C
[51] **Int.Cl. H04W 4/24 (2018.01)**
[25] EN
[54] **RECHARGING METHOD FOR VIRTUAL IDENTITY MODULE, AND DEVICE**
[54] **METHODE ET DISPOSITIF DE RECHARGE POUR MODULE D'IDENTITE VIRTUELLE**
[72] LI, ZIJUN, CN
[72] RONG, GUOQIANG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-05-06
[86] 2013-11-08 (PCT/CN2013/086795)
[87] (WO2015/066900)

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/12 (2006.01) E21B 43/27 (2006.01)**
[25] EN
[54] **DECOMPOSING ISOLATION DEVICES CONTAINING A BUFFERING AGENT**
[54] **DECOMPOSITION DE DISPOSITIFS D'ISOLEMENT CONTENANT UN AGENT TAMPON**
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[72] MURPHREE, ZACHARY R., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-05
[86] 2014-01-13 (PCT/US2014/011311)
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[51] **Int.Cl. A61K 31/485 (2006.01) A61K 45/06 (2006.01) A61P 1/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **HYDROMORPHONE AND NALOXONE FOR TREATMENT OF PAIN AND OPIOID BOWEL DYSFUNCTION SYNDROME**
[54] **HYDROMORPHONE ET NALOXONE UTILISEES POUR LE TRAITEMENT DE LA DOULEUR ET DU SYNDROME DE DYSFONCTIONNEMENT INTESTINAL DU AUX OPIOIDES**
[72] DANAGHER, HELEN KATHLEEN, GB
[72] MOHAMMAD, HASSAN, GB
[72] WALDEN, MALCOLM, GB
[72] HAYES, GEOFFREY GERARD, GB
[72] WHITEHOUSE, JONATHON OLIVER, GB
[72] KRISHNAMURTHY, THINNAYAM NAGANATHAN, CA
[72] VARGAS RINCON, RICARDO, ALBERTO, CA
[73] EURO-CELTIQUE S.A., LU
[85] 2016-05-06
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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 23/00 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **ISOLATION DEVICES CONTAINING A TRANSFORMING MATRIX AND A GALVANICALLY-COUPLED REINFORCEMENT AREA**
[54] **DISPOSITIFS D'ISOLATION CONTENANT UNE MATRICE DE TRANSFORMATION ET UNE ZONE DE RENFORCEMENT A COUPLAGE GALVANIQUE**
[72] FRIPP, MICHAEL L., US
[72] MURPHREE, ZACHARY R., US
[72] WALTON, ZACHARY W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-10
[86] 2014-01-14 (PCT/US2014/011443)
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[25] EN
[54] **FORSYTHIASIDE SULFATE AND DERIVATIVES THEREOF, PREPARATION METHOD AND APPLICATION THEREOF**
[54] **SULFATE DE FORSYTHIASIDE ET SES DERIVES, METHODE DE PREPARATION ET APPLICATION ASSOCIEES**
[72] FU, LI, CN
[72] FAN, HONGYU, CN
[72] WANG, SHUO, CN
[73] FU, LI, CN
[85] 2016-05-11
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[25] EN
[54] **CORNEAL VITRIFICATION, METHODS AND DEVICES TO PRODUCE CORNEAL VITRIFICATION AND METHODS OF USE THEREOF**
[54] **VITRIFICATION CORNEENNE, PROCEDES ET DISPOSITIFS POUR PRODUIRE UNE VITRIFICATION CORNEENNE ET LEURS PROCEDES D'UTILISATION**
[72] SERDAREVIC, OLIVIA, US
[72] BERRY, MICHAEL, US
[72] HELLER, DONALD F., US
[73] SERDAREVIC, OLIVIA, US
[73] BERRY, MICHAEL, US
[73] HELLER, DONALD F., US
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[86] 2014-10-13 (PCT/US2014/060286)
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[25] EN
[54] **DIRECTIONAL DRILLING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE FORAGE DIRECTIONNEL**
[72] GAJJI, BHARGAV, IN
[72] AGARWAL, PUNEET, IN
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-16
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[25] EN
[54] **COMPOSITIONS COMPRISING A FLUOROOLEFIN**
[54] **COMPOSITIONS COMPORTANT UNE OLEFINE FLUOREE**
[72] MINOR, BARBARA HAVILAND, US
[72] RAO, VELLIYUR NOTT MALLIKARJUNA, US
[72] BIVENS, DONALD BERNARD, US
[72] PERTI, DEEPAK, US
[73] E.I. DUPONT DE NEMOURS AND COMPANY, US
[86] (2930803)
[87] (2930803)
[22] 2006-03-03
[62] 2,600,319
[30] US (60/658,543) 2005-03-04
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[51] **Int.Cl. F17C 3/04 (2006.01)**
[25] EN
[54] **MEMBRANE TYPE CRYOGENIC TANK COMPRISING SEAL STRUCTURE**
[54] **RESERVOIR CRYOGENIQUE DE TYPE MEMBRANAIRE COMPORTANT UNE STRUCTURE D'ETANCHEITE**
[72] KANNO, RYUZO, JP
[72] FURIKOMA, MICHITAKA, JP
[72] KAMIYA, EIJI, JP
[72] SHIMAMURA, YASUHIRO, JP
[73] IHI CORPORATION, JP
[85] 2016-05-17
[86] 2014-10-31 (PCT/JP2014/079028)
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[54] **CRYOGENIC TANK**
[54] **RESERVOIR A BASSE TEMPERATURE**
[72] KANNO, RYUZO, JP
[72] FURIKOMA, MICHITAKA, JP
[72] KAMIYA, EIJI, JP
[73] IHI CORPORATION, JP
[85] 2016-05-17
[86] 2014-11-05 (PCT/JP2014/079332)
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[25] EN
[54] **POLYPROPYLENE COMPOSITION WITH EXCELLENT PAINT ADHESION**
[54] **COMPOSITION DE POLYPROPYLENE PRESENTANT UNE EXCELLENTE ADHERENCE DE LA PEINTURE**
[72] GRESTENBERGER, GEORG, AT
[72] KNIESEL, CLAUDIA, AT
[72] MILEVA, DANIELA, AT
[72] GLOGER, DIETRICH, AT
[73] BOREALIS AG, AT
[85] 2016-05-19
[86] 2014-12-01 (PCT/EP2014/076112)
[87] (WO2015/082403)
[30] EP (13195768.0) 2013-12-04

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[51] **Int.Cl. H04L 12/801 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRAFFIC CONTROL**
[54] **METHODE ET SYSTEME DE CONTROLE DE LA CIRCULATION**
[72] DU, YUFU, CN
[73] BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD., CN
[85] 2016-06-03
[86] 2014-09-26 (PCT/CN2014/087622)
[87] (WO2015/085813)
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[13] C
[51] **Int.Cl. A61B 17/221 (2006.01) A61F 2/95 (2013.01)**
[25] EN
[54] **ENDOLUMINAL DEVICE RETRIEVAL DEVICES AND RELATED SYSTEMS AND METHODS**
[54] **DISPOSITIFS DE RECUPERATION DE DISPOSITIFS ENDOLUMINAUX ET SYSTEMES ET METHODES ASSOCIES**
[72] BLISS, CODY L., US
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[73] W.L. GORE & ASSOCIATES, INC., US
[86] (2932750)
[87] (2932750)
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[62] 2,847,906
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[30] US (61/548,143) 2011-10-17

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[51] **Int.Cl. B29C 51/00 (2006.01)**
[25] EN
[54] **ARTICLE COMPRISING POLYLACTIC ACID AND A FILLER**
[54] **ARTICLE COMPRENANT DE L'ACIDE POLYLACTIQUE ET UNE CHARGE**
[72] BEAL, CEDRIC, FR
[72] CHIVRAC, FREDERIC, FR
[73] SA DES EAUX MINERALES D'EVIAN SAEME, FR
[85] 2016-06-08
[86] 2013-12-19 (PCT/IB2013/002982)
[87] (WO2015/092465)

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[13] C
[51] **Int.Cl. G03G 9/08 (2006.01) C08J 3/16 (2006.01)**
[25] EN
[54] **STYRENE ACRYLATE HYBRID TONER PROCESS UTILIZING A LOW VOC (VOLATILE ORGANIC COMPOUND) COALESCENT AGENT IN TONER SHELLS**
[54] **PROCEDE A L'ENCRE SECHE HYBRIDE STYRENE ACRYLATE EMPLOYANT UN AGENT COALESCENT A FAIBLE TENEUR EN COV (COMPOSE ORGANIQUE VOLATIL) DANS LES ENVELOPPES D'ENCRE SECHE**
[72] VEREGIN, RICHARD PN, CA
[72] FARRUGIA, VALERIE M., CA
[72] HU, NAN-XING, CA
[72] GARDNER, SANDRA J., CA
[73] XEROX CORPORATION, US
[86] (2933404)
[87] (2933404)
[22] 2016-06-16
[30] US (14/794756) 2015-07-08

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[13] C
[51] **Int.Cl. A61F 13/20 (2006.01)**
[25] EN
[54] **TAMPON AND METHOD FOR MAKING THE SAME**
[54] **TAMPON ET PROCEDE POUR LE FABRIQUER**
[72] SCHICKLI, ERIC MITCHELL, US
[72] NELLENBACH, EVA GRACE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-06-14
[86] 2014-12-15 (PCT/US2014/070257)
[87] (WO2015/095006)
[30] US (14/136,099) 2013-12-20

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[51] **Int.Cl. C12N 15/87 (2006.01) C12N 15/113 (2010.01) A61K 9/14 (2006.01) A61K 31/7105 (2006.01) A61K 31/713 (2006.01) A61K 35/74 (2015.01) A61P 35/00 (2006.01) C12N 1/21 (2006.01)**
[25] EN
[54] **BACTERIALLY-DERIVED, INTACT MINICELLS THAT ENCOMPASS PLASMID-FREE FUNCTIONAL NUCLEIC ACID FOR IN VIVO DELIVERY TO MAMMALIAN CELLS**
[54] **MINICELLULES INTACTES D'ORIGINE BACTERIENNE ENGLOBANT UN ACIDE NUCLEIQUE FONCTIONNEL EXEMPT DE PLASMIDE POUR ADMINISTRATION IN VIVO A DES CELLULES DE MAMMIFERE**
[72] BRAHMBHATT, HIMANSHU, AU
[72] MACDIARMID, JENNIFER, AU
[72] HULF, TOBY, GB
[73] ENGENEIC MOLECULAR DELIVERY PTY. LTD., AU
[86] (2933978)
[87] (2933978)
[22] 2008-03-26
[62] 2,844,647
[30] US (60/909,074) 2007-03-30

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[51] **Int.Cl. B01D 35/30 (2006.01) B01D 27/08 (2006.01) B01D 27/10 (2006.01) B01D 35/147 (2006.01)**
[25] EN
[54] **FILTRATION SYSTEM**
[54] **SYSTEME DE FILTRATION**
[72] SHERMAN, MICHAEL J., US
[72] BARDWELL, DAVID T., US
[72] FOIX, LORI, US
[72] WILSON, STEVEN KARL, US
[72] HAEHN, STEVEN J., US
[72] KLIMPEL, ERIK ROBERT, US
[72] BOYER LARSON, JAMES, US
[72] HUDA, STEPHEN, US
[72] FISHER, DAVID WILLIAM, US
[72] BRIGANO, FRANK A., US
[73] KX TECHNOLOGIES, LLC, US
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[87] (2934016)
[22] 2012-12-20
[62] 2,860,894
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[51] **Int.Cl. G01V 1/40 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS HAVING BOREHOLE SEISMIC WAVEFORM COMPRESSION**
[54] **PROCEDES ET APPAREIL AYANT UNE COMPRESSION DE FORME D'ONDE SISMIQUE DE TROU DE FORAGE**
[72] STOLPMAN, VICTOR, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2934158)
[87] (2934158)
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[51] **Int.Cl. A44C 25/00 (2006.01) A61G 17/08 (2006.01)**
[25] EN
[54] **IMPROVED OPENABLE PENDANT FOR THE CONTAINMENT OF ASHES, FRAGRANCES, AND/OR FLAVOURS**
[54] **PENDANTIF OUVRABLE AMELIORE DESTINE A CONTENIR DES CENDRES, DES FRAGRANCES ET DES SAVEURS**
[72] GOBBATO, LORENZO, IT
[72] GOBBATO, MORENA, IT
[73] M.P.M. DI GOBBATO ENZO - S.R.L., IT
[85] 2016-06-16
[86] 2015-03-16 (PCT/IB2015/051896)
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[30] IT (PD2014A000066) 2014-03-21

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[13] C
[51] **Int.Cl. H02J 50/10 (2016.01) H02M 1/32 (2007.01)**
[25] EN
[54] **ELECTROMAGNETIC INDUCTION TYPE POWER SUPPLY DEVICE**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE DU TYPE A INDUCTION ELECTROMAGNETIQUE**
[72] KOO, JA-IL, KR
[73] FERRARISPOWER CO., LTD, KR
[85] 2016-06-21
[86] 2014-01-17 (PCT/KR2014/000517)
[87] (WO2014/112827)
[30] KR (10-2013-0005968) 2013-01-18

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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 7/20 (2006.01) E21B 19/06 (2006.01) E21B 31/20 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **TUBULAR STRESS MEASUREMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MESURE DES CONTRAINTES SUR UN TUBULAIRE**
[72] GREENING, DOUGLAS, CA
[72] MIHAI, MARINEL, CA
[72] DEWALD, BRIAN, CA
[72] SAW, PIEW SOE, CA
[73] TESCO CORPORATION, US
[85] 2016-06-22
[86] 2014-12-04 (PCT/US2014/068629)
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[51] **Int.Cl. B65D 19/32 (2006.01)**
[25] EN
[54] **PLASTIC PALLET WITH SINGLE LAYER TOP DECK HAVING INSERTS THEREIN AND RELATED METHODS**
[54] **PALETTE EN PLASTIQUE AVEC PLANCHER SUPERIEUR MONOCOUCHE PRESENTANT DES PIECES RAPPORTEES EN SON SEIN ET PROCEDES ASSOCIES**
[72] BRANDT, KEN, US
[72] LANTZ, DAN, US
[72] LUNDQUIST, CHRISTOPHER SCOTT, US
[72] ANDERSON, DAVID PAUL, III, US
[73] CHEP TECHNOLOGY PTY LIMITED, AU
[85] 2016-06-22
[86] 2015-01-09 (PCT/US2015/010745)
[87] (WO2015/108767)
[30] US (14/155,747) 2014-01-15

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[13] C
[51] **Int.Cl. A61L 27/18 (2006.01) A61F 2/06 (2013.01)**
[25] EN
[54] **ARTIFICIAL BLOOD VESSEL**
[54] **VAISSEAU SANGUIN ARTIFICIEL**
[72] FUJITA, MASAKI, JP
[72] KADOWAKI, KOJI, JP
[72] SAKAGUCHI, YUKA, JP
[72] TANAHASHI, KAZUHIRO, JP
[72] TSUCHIKURA, HIROSHI, JP
[72] YAMADA, SATOSHI, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2016-07-04
[86] 2015-02-12 (PCT/JP2015/053749)
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[51] **Int.Cl. G05B 19/4069 (2006.01)**
[25] FR
[54] **MACHINING SYSTEMS COMPRISING A MACHINING FACILITY AND CONTROL METHODS**
[54] **SYSTEMES D'USINAGE COMPORTANT UNE MACHINE D'USINAGE ET DES PROCEDES DE COMMANDE**
[72] CHEBROUX, CHRISTOPHE, FR
[72] LALLEMENT, DANIEL, FR
[72] COMA, OLIVIER, FR
[72] BELATON, OLIVIER, FR
[72] GUENEAU, OLIVIER, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[73] SPRING TECHNOLOGIES, FR
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[51] **Int.Cl. A61F 2/966 (2013.01)**
[25] EN
[54] **STENT DELIVERY SYSTEM**
[54] **SYSTEME DE MISE EN PLACE D'UNE ENDOPROTHESE**
[72] JIMENEZ, TEODORO S., US
[72] FULKERSON, JOHN, US
[72] MAZZEI, RAFFAELE, US
[73] C.R. BARD, INC., US
[86] (2936205)
[87] (2936205)
[22] 2007-01-12
[62] 2,836,094
[30] US (60/759,136) 2006-01-13
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[51] **Int.Cl. B65G 47/74 (2006.01) B65G 47/00 (2006.01) B65G 47/46 (2006.01)**
[25] EN
[54] **DIVERTER FOR SORTER AND METHOD OF DIVERTING**
[54] **DISPOSITIF DE DEVIATION POUR DISPOSITIF DE TRI ET PROCEDE DE DEVIATION**
[72] STEENWYK, MATTHEW A., US
[72] RAMANKUTTY, MOHAN A., US
[72] STANISH, MARTIN J., US
[72] TRIESENBERG, THOMAS H., US
[73] DEMATIC CORP., US
[86] (2936289)
[87] (2936289)
[22] 2010-08-23
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[51] **Int.Cl. A23P 30/00 (2016.01) A23L 11/00 (2016.01) A23J 3/14 (2006.01) A23J 3/16 (2006.01)**
[25] EN
[54] **AN AUTOMATIC BEANCURD SHEET MAKING MACHINE PROVIDED WITH COOLING GROOVES**
[54] **UNE MACHINE DE FABRICATION AUTOMATIQUE DE PLAQUE DE CAILLE DE SOJA COMPORTANT DES RAINURES DE REFROIDISSEMENT**
[72] LAU, SIU FAI, CN
[73] FULLY PLUS ENTERPRISE LIMITED, CN
[86] (2936598)
[87] (2936598)
[22] 2016-07-20
[30] CN (201510785378.1) 2015-11-13

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[13] C
[51] **Int.Cl. G01N 23/20008 (2018.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE COMPOSITION AND THE CRYOLITE RATIO OF SOLID SAMPLES OF POTASSIUM-CONTAINING ELECTROLYTE IN ALUMINUM PRODUCTION BY XRD METHOD**
[54] **METHODE DE DETERMINATION DE LA COMPOSITION ET DE LA PROPORTION DE CRYOLITE D'ECHANTILLONS SOLIDES D'ELECTROLYTE RENFERMANT DU POTASSIUM DANS LA PRODUCTION D'ALUMINIUM PAR PROCEDE XRD**
[72] ZAYTSEVA, YULIYA NIKOLAEVNA, RU
[72] KIRIK, SERGEY DMITRIEVICH, RU
[72] YAKIMOV, IGOR' STEPANOVICH, RU
[72] DUBININ, PETR SERGEEVICH, RU
[72] PIKSINA, OKSANA EVGEN'EVNA, RU
[72] SIMAKOV, DMITRIY ALEKSANDROVICH, RU
[72] GUSEV, ALEKSANDR OLEGOVICH, RU
[72] RUZHNIKOV, SERGEY GRIGOR'EVICH, RU
[73] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
[85] 2016-07-12
[86] 2015-02-04 (PCT/RU2015/000061)
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[30] RU (2014102329) 2014-01-23

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[54] **MULTI-MEDIA STRATIFIED FILTRATION**
[54] **FILTRATION EN COUCHES A PLUSIEURS MILIEUX**
[72] FELCH, CHAD L., US
[72] LORGE, ERIC A., US
[72] WIERCINSKI, SHANE P., US
[72] PATTERSON, MATTHEW R., US
[73] SIEMENS ENERGY, INC., US
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[54] **MOVING BASAL ENGINE FOR A FLUID DELIVERY DEVICE**
[54] **MOTEUR BASAL MOBILE POUR UN DISPOSITIF DE DISTRIBUTION DE FLUIDE**
[72] GONNELLI, ROBERT R., US
[73] VALERITAS, INC., US
[85] 2016-07-21
[86] 2015-01-28 (PCT/US2015/013283)
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[25] EN
[54] **STRUCTURAL ATTACHMENT SYSTEM**
[54] **SYSTEME DE FIXATION STRUCTUREL**
[72] MARPLE, TRAVIS, US
[73] EZEKIEL BUILDING SYSTEMS LLC, US
[85] 2016-07-25
[86] 2015-02-06 (PCT/US2015/014914)
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[25] EN
[54] **WELDED JOINT**
[54] **JOINT SOUDE**
[72] JOTOKU, KANA, JP
[72] HIRATA, HIROYUKI, JP
[72] NISHIYAMA, YOSHITAKA, JP
[72] OKADA, HIROKAZU, JP
[72] KURIHARA, SHINNOSUKE, JP
[72] SUZUKI, YUHEI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-07-28
[86] 2015-02-23 (PCT/JP2015/055061)
[87] (WO2015/129631)
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[51] **Int.Cl. G01N 30/56 (2006.01) G01N 33/80 (2006.01)**
[25] EN
[54] **METHODS OF EVALUATING QUALITY OF A CHROMATOGRAPHY MEDIA WHICH BINDS ANTI-A OR ANTI-B ANTIBODIES**
[54] **METHODES D'EVALUATION DE LA QUALITE D'UN SUPPORT DE CHROMATOGRAPHIE QUI LIE LES ANTICORPS ANTI-A OU ANTI-B**
[72] STONE, MATTHEW T., US
[72] BIAN, NANYING, US
[72] RAHANE, SANTOSH, US
[73] MERCK PATENT GMBH, DE
[86] (2938549)
[87] (2938549)
[22] 2016-08-10
[30] US (62/215,423) 2015-09-08

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[25] EN
[54] **IMPROVED STEREOLITHOGRAPHY MACHINE**
[54] **MACHINE DE STEREOLITHOGRAPHIE AMELIOREE**
[72] COSTABEBER, ETTORE MAURIZIO, IT
[73] COSTABEBER, ETTORE MAURIZIO, IT
[85] 2016-08-11
[86] 2015-02-19 (PCT/IB2015/051283)
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[25] EN
[54] **TIME-DELAY COATING FOR DISSOLVABLE WELLBORE ISOLATION DEVICES**
[54] **REVETEMENT A ACTION DIFFEREE POUR DISPOSITIFS D'ISOLATION DE PUITS DE FORAGE DISSOLVABLES**
[72] FRIPP, MICHAEL L., US
[72] MURPHREE, ZACHARY R., US
[72] WALTON, ZACHARY W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-16
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[54] **DATABASE UPDATING WITH LATENCY TOLERANCE**
[54] **MISE A JOUR DE BASE DE DONNEES AVEC TOLERANCE DE LATENCE**
[72] DJURDJEVIC, DEANA, CA
[72] SAMPSON, KEVIN, CA
[72] HWONG, DEREK, CA
[73] TSX INC., CA
[85] 2016-08-24
[86] 2015-06-23 (PCT/CA2015/000411)
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[51] **Int.Cl. B65D 43/02 (2006.01) B01D 53/26 (2006.01) B65D 51/16 (2006.01)**
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[54] **CANISTER FOR CONTAINING AN ACTIVE AGENT**
[54] **BIDON DESTINE A CONTENIR UN PRINCIPE ACTIF**
[72] LEBON, JACQUY, FR
[73] CLARIANT HEALTHCARE PACKAGING (FRANCE) S.A.S., FR
[85] 2016-08-29
[86] 2015-03-04 (PCT/EP2015/054482)
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[25] EN
[54] **METHODS FOR MAKING ZONED APERTURED WEBS**
[54] **PROCEDES POUR FABRIQUER DES BANDES PERFOREES A ZONES**
[72] GALIE, THERESA LYNN, US
[72] KNAPMEYER, JAMES TERRY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-09-09
[86] 2015-03-31 (PCT/US2015/023551)
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[25] EN
[54] **VARIABLE LIMIT-POWER CONTROL FOR GAS TURBINES**
[54] **COMMANDE DE LIMITE DE PUISSANCE VARIABLE DES TURBINES A GAZ**
[72] BEILER, JAN-DIRK, DE
[72] GAMM, HANS-GEORG, DE
[72] KERSTIENS, THOMAS, DE
[72] LARSON, MARCO, DE
[72] MUHLHOLZER, ROSA-EOS, DE
[72] PURPS, FLORIAN, DE
[72] SCHNEIDER, OLIVER, DE
[72] SCHAFER, MARC, DE
[72] KREUTZER, PHILIPP, DE
[72] REINBERG, MARC, DE
[72] STAPPER, MARTIN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[51] **Int.Cl. G06T 11/80 (2006.01) H04N 1/387 (2006.01)**
[25] EN
[54] **IMAGE COMPOSITING DEVICE BASED ON MASK IMAGE, IMAGE COMPOSITING METHOD AND MEDIUM THEREFOR**
[54] **DISPOSITIF DE COMPOSITION D'IMAGE FONDE SUR UNE IMAGE MASQUE, METHODE DE COMPOSITION D'IMAGE ET SUPPORT ASSOCIE**
[72] NAKAJO, TETSUYA, JP
[72] TODATE, MASAYUKI, JP
[73] LIVE2D INC., JP
[85] 2016-09-16
[86] 2014-10-27 (PCT/JP2014/078506)
[87] (WO2015/141049)
[30] JP (2014-055087) 2014-03-18

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[51] **Int.Cl. H04W 36/00 (2009.01) H04M 3/54 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFERRING A CALL BETWEEN DEVICES OF A SINGLE USER**
[54] **PROCEDE ET SYSTEME POUR TRANSFERER UN APPEL ENTRE DES DISPOSITIFS D'UN UTILISATEUR UNIQUE**
[72] KLEIN, DAVID E., US
[72] BROOKS, ERIC D., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-09-19
[86] 2015-02-27 (PCT/US2015/017917)
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[25] EN
[54] **VOICE COIL MOTOR AND FOCUSING LENS**
[54] **MOTEUR A BOBINE ACOUSTIQUE ET LENTILLE DE FOCALISATION**
[72] HU, XIAOPING, CN
[73] BOLYMEDIA HOLDINGS CO. LTD., US
[85] 2016-09-22
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[51] **Int.Cl. F25B 6/00 (2006.01) F25B 1/10 (2006.01) F25J 5/00 (2006.01)**
[25] EN
[54] **PARALLEL COMPRESSION IN LNG PLANTS USING A POSITIVE DISPLACEMENT COMPRESSOR**
[54] **COMPRESSION PARALLELE DANS LES USINES DE GNL AU MOYEN D'UN COMPRESSEUR A DEPLACEMENT POSITIF**
[72] WEHRMAN, JOSEPH GERARD, US
[72] KRISHNAMURTHY, GOWRI, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2943795)
[87] (2943795)
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[51] **Int.Cl. C07C 229/24 (2006.01) C07C 227/18 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING IMINODISUCCINATE CHELATING AGENT**
[54] **PROCEDE DE PREPARATION D'AGENT CHELATANT IMINODISUCCINATE**
[72] LI, WENXI, CN
[72] XING, ZHENPING, CN
[73] HEBEI THINK-DO ENVIRONMENT CO., LTD., CN
[85] 2016-09-28
[86] 2015-02-28 (PCT/CN2015/073394)
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[25] EN
[54] **LAMINATE AND METHOD FOR PRODUCING SAME**
[54] **MATERIAU STRATIFIE ET PROCEDE POUR LE FABRIQUER**
[72] SCHIEGL, WALTER, AT
[73] FRITZ EGGER GMBH & CO. OG, AT
[85] 2016-10-03
[86] 2015-03-25 (PCT/EP2015/056434)
[87] (WO2015/150192)
[30] DE (10 2014 104 760.5) 2014-04-03

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[13] C
[51] **Int.Cl. B21D 19/08 (2006.01) B21D 53/88 (2006.01)**
[25] EN
[54] **PRESS-FORMED PRODUCT, AUTOMOBILE STRUCTURAL MEMBER INCLUDING THE SAME, PRODUCTION METHOD AND PRODUCTION DEVICE FOR THE PRESS-FORMED PRODUCT**
[54] **PRODUIT FORME A LA PRESSE, ELEMENT STRUCTURE D'AUTOMOBILE RENFERMANT LEDIT PRODUIT, METHODE DE PRODUCTION ET DISPOSITIF DE PRODUCTION DU PRODUIT FORME A LA PRESSE**
[72] ITO, YASUHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-10-03
[86] 2015-03-20 (PCT/JP2015/001561)
[87] (WO2015/155943)
[30] JP (2014-080448) 2014-04-09

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[13] C
[51] **Int.Cl. B65G 15/60 (2006.01) B65G 39/16 (2006.01)**
[25] EN
[54] **BELT ALIGNMENT SYSTEM WITH DUAL ROLLERS**
[54] **SYSTEME D'ALIGNEMENT DE COURROIE A ROULEAUX DOUBLES**
[72] SHARP, DAVID ALLEN, CA
[73] SHARP, DAVID ALLEN, CA
[85] 2016-10-06
[86] 2014-04-17 (PCT/CA2014/000358)
[87] (WO2015/157838)
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[25] EN
[54] **CAPSULE WITH SENSORY ATTRIBUTES**
[54] **CAPSULE DOTEE D'ATTRIBUTS SENSORIELS**
[72] TROMBETTA, LIBERATORE A., CA
[73] 2266170 ONTARIO INC., CA
[86] (2945339)
[87] (2945339)
[22] 2014-12-16
[62] 2,923,581
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[25] EN
[54] **DOWNHOLE TOOL FOR USE IN A WELLBORE**
[54] **OUTIL DE FOND ET PROCEDE D'UTILISATION**
[72] VANLUE, DUKE, US
[73] DOWNHOLE TECHNOLOGY LLC, US
[86] (2947059)
[87] (2947059)
[22] 2012-08-22
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[30] US (61/526,217) 2011-08-22
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[51] **Int.Cl. G02C 7/04 (2006.01) C08J 7/04 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **HYDROGEL CONTACT LENS HAVING WET SURFACE, AND MANUFACTURING METHOD THEREFOR**
[54] **LENTILLE DE CONTACT A HYDROGEL AYANT UNE SURFACE HUMIDE, ET SON PROCEDE DE FABRICATION**
[72] LEE, SOO CHANG, KR
[72] OH, KYUNG HEE, KR
[73] INTEROJO INC., KR
[85] 2016-11-02
[86] 2015-05-08 (PCT/KR2015/004656)
[87] (WO2015/170936)
[30] KR (10-2014-0055401) 2014-05-09

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[51] **Int.Cl. D21F 5/00 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **CLEANING APPARATUS**
[54] **DISPOSITIF DE NETTOYAGE**
[72] CASPAR, ROMAN, CH
[73] PAPRIMA INDUSTRIES INC., CA
[86] (2948489)
[87] (2948489)
[22] 2010-12-21
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[30] DE (10 2009 059 790.5) 2009-12-21

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[51] **Int.Cl. A61B 17/56 (2006.01) A61B 34/37 (2016.01) A61B 17/88 (2006.01)**
[25] EN
[54] **MASTER-SLAVE SAME-STRUCTURE TELEOPERATION FRACTURE REDUCTION MECHANISM**
[54] **MECANISME DE REDUCTION DE FRACTURE DE TELEOPERATION DE STRUCTURE TYPE MAITRE-ESCLAVE**
[72] HU, LEI, CN
[72] TANG, PEIFU, CN
[72] WANG, TIANMIAO, CN
[72] ZHANG, LIHAI, CN
[72] LI, CHANGSHENG, CN
[72] DU, HAILONG, CN
[72] WANG, LIFENG, CN
[72] TAN, YIMING, CN
[72] ZHAO, LU, CN
[73] BEIHANG UNIVERSITY, CN
[73] THE GENERAL HOSPITAL OF THE PEOPLE'S LIBERATION ARMY, CN
[85] 2017-02-06
[86] 2014-09-19 (PCT/CN2014/000856)
[87] (WO2015/172271)
[30] CN (201410198120.7) 2014-05-12

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[51] **Int.Cl. H04B 1/7075 (2011.01) H04B 1/7087 (2011.01)**
[25] EN
[54] **DEMODULATION APPARATUS**
[54] **APPAREIL DE DEMODULATION**
[72] FUJIMURA, AKINORI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2016-11-14
[86] 2014-05-15 (PCT/JP2014/062971)
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[51] **Int.Cl. G06T 7/00 (2017.01) G06T 5/00 (2006.01) H04N 21/80 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFYING, ANALYZING, AND REPORTING ON PLAYERS IN A GAME FROM VIDEO**
[54] **SYSTEME ET METHODE D'IDENTIFICATION, ANALYSE ET SIGNALEMENT DE JOUEURS DANS UN JEU A PARTIR D'UNE VIDEO**
[72] ZAKALUK, ROBERT, CA
[73] ZAKALUK, ROBERT, CA
[86] (2949844)
[87] (2949844)
[22] 2016-11-25
[30] CA (2,913,432) 2015-11-26

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[51] **Int.Cl. F04B 43/12 (2006.01) F04B 43/14 (2006.01)**
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[54] **A ROTARY PUMP**
[54] **POMPE ROTATIVE**
[72] GOLDING, JAMES ANDREW, GB
[72] SHEPHERD, WILLIAM ERIC, GB
[73] CHARLES AUSTEN PUMPS LTD., GB
[85] 2016-11-24
[86] 2015-05-29 (PCT/EP2015/062018)
[87] (WO2015/181373)
[30] GB (1409534.3) 2014-05-29

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[51] **Int.Cl. C08F 2/44 (2006.01) C09D 11/30 (2014.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) B41M 5/50 (2006.01) B41M 5/52 (2006.01)**
[25] EN
[54] **PHOTOPOLYMERIZABLE COMPOSITION, PHOTOPOLYMERIZABLE INK, COMPOSITION CONTAINER, IMAGE OR CURED PRODUCT FORMING METHOD, IMAGE OR CURED PRODUCT FORMING DEVICE, AND IMAGE OR CURED PRODUCT**
[54] **COMPOSITION PHOTOPOLYMERISABLE, ENCRE PHOTOPOLYMERISABLE, RECIPIENT DE COMPOSITION, PROCEDE DE FORMATION D'IMAGE OU DE PRODUIT DURCI, DISPOSITIF DE FORMATION D'IMAGE OU DE PRODUITDURCI ET IMAGE OU PRODUIT DURCI**
[72] HIRAOKA, TAKAO, JP
[73] RICOH COMPANY, LTD., JP
[85] 2016-11-29
[86] 2015-06-01 (PCT/JP2015/002764)
[87] (WO2015/186340)
[30] JP (2014-117770) 2014-06-06

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[51] **Int.Cl. H04R 29/00 (2006.01) H04R 25/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR OBJECTIVE ASSESSMENT OF IN-EAR DEVICE ACOUSTICAL PERFORMANCE**
[54] **PROCEDE ET APPAREIL PERMETTANT UNE EVALUATION OBJECTIVE DE L'EFFICACITE ACOUSTIQUE D'UN DISPOSITIF INTRA-AURICULAIRES**
[72] VOIX, JEREMIE, CA
[72] LAVILLE, FREDERIC, CA
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[86] (2952220)
[87] (2952220)
[22] 2004-12-03
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[30] US (60/526,968) 2003-12-05

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[25] EN
[54] **MAIZE INBRED PH1MDK**
[54] **MAIS ENDOGAME PH1MDK**
[72] HOTCHKISS, JAY ROBERT, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2952472)
[87] (2952472)
[22] 2016-12-21

[11] **2,952,473**
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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH1TRA**
[54] **MAIS ENDOGAME PH1TRA**
[72] LEE, TRAVIS J., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2952473)
[87] (2952473)
[22] 2016-12-21

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[13] C
[51] **Int.Cl. A61M 1/00 (2006.01) A61J 15/00 (2006.01) A61M 39/02 (2006.01) A61M 39/22 (2006.01) A61M 39/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REMOVING INGESTED MATERIAL FROM A STOMACH**
[54] **SYSTEMES ET METHODES POUR RETIRER UN MATERIEL INGERE D'UN ESTOMAC**
[72] KAMEN, DEAN, US
[72] GRANT, KEVIN L., US
[72] SOEDERBERG, ERIC M., US
[72] ALTOBELLI, DAVID E., US
[72] FLYNN, DAVID, US
[72] SOLOVAY, KENNETH S., US
[72] KLEIN, SAMUEL, US
[72] LANGLOSS, TIM, US
[73] ASPIRE BARIATRICS, INC., US
[86] (2954350)
[87] (2954350)
[22] 2007-08-03
[62] 2,852,273
[30] US (11/675,544) 2007-02-15
[30] US (11/675,527) 2007-02-15
[30] US (11/675,525) 2007-02-15
[30] US (60/821,333) 2006-08-03

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[13] C
[51] **Int.Cl. A61F 2/46 (2006.01)**
[25] EN
[54] **ACETABULAR CUP POSITIONING DEVICE AND METHOD THEREOF**
[54] **DISPOSITIF DE POSITIONNEMENT DE COTYLE PROTHETIQUE ET PROCEDE ASSOCIE**
[72] TERMANINI, ZAFER, US
[73] TERMANINI, ZAFER, US
[85] 2017-01-06
[86] 2015-05-16 (PCT/US2015/031275)
[87] (WO2016/007226)
[30] US (14/326,006) 2014-07-08

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[13] C
[51] **Int.Cl. B61F 5/32 (2006.01) B61F 5/38 (2006.01)**
[25] EN
[54] **CHASSIS FOR A RAIL VEHICLE**
[54] **TRAIN DE ROULEMENT D'UN VEHICULE FERROVIAIRE**
[72] MEYER, HEIKO, DE
[72] MARKL, HANS JURGEN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-01-16
[86] 2015-07-02 (PCT/EP2015/065069)
[87] (WO2016/008731)
[30] DE (10 2014 214 055.2) 2014-07-18

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[13] C
[51] **Int.Cl. E21B 3/035 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD WITH TORQUE CONTROL FROM TOP DRIVE**
[54] **SYSTEME ET PROCEDE AYANT UNE COMMANDE DE COUPLE A PARTIR D'UN D'ENTRAINEMENT SUPERIEUR**
[72] WILSON, JAMES TYLER, US
[72] BOWLEY, RYAN THOMAS, CA
[72] COOMBE, BRENT JAMES-WILLIAM, CA
[72] MAXWELL, COLIN TREVOR, CA
[72] GREENING, DOUG CHRISTIAN, CA
[73] TESCO CORPORATION, US
[85] 2017-01-20
[86] 2015-07-14 (PCT/US2015/040406)
[87] (WO2016/018617)
[30] US (14/444,830) 2014-07-28

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[13] C
[51] **Int.Cl. F23R 3/04 (2006.01) F23D 11/36 (2006.01) F23D 14/78 (2006.01) F23R 3/28 (2006.01) F23R 3/34 (2006.01) F23R 3/46 (2006.01)**
[25] EN
[54] **BURNER FOR A COMBUSTION MACHINE, AND COMBUSTION MACHINE**
[54] **BRULEUR DESTINE A UNE MACHINE A COMBUSTION ET MACHINE A COMBUSTION**
[72] KLEINFELD, JENS, DE
[72] BECK, CHRISTIAN, DE
[72] BOTTCHER, ANDREAS, DE
[72] GRANDT, CHRISTOPHER, DE
[72] HAUSER, THOMAS, DE
[72] KRIEGER, TOBIAS, DE
[72] REICH, STEFAN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-01-27
[86] 2015-07-24 (PCT/EP2015/066984)
[87] (WO2016/016116)
[30] EP (14179137.6) 2014-07-30

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[13] C
[51] **Int.Cl. E05F 15/00 (2015.01) E05F 15/611 (2015.01) E21F 17/00 (2006.01)**
[25] EN
[54] **ARTICULATED MINE DOOR OPENING MECHANISM**
[54] **MECANISME ARTICULE D'OUVERTURE DE PORTES DE MINE**
[72] KENNEDY, WILLIAM R., US
[72] KENNEDY, JOHN M., US
[73] JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC., US
[86] (2957916)
[87] (2957916)
[22] 2011-02-09
[62] 2,731,472
[30] US (12/708,948) 2010-02-19

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[51] **Int.Cl. A61B 34/10 (2016.01) A61B 5/107 (2006.01) A61B 17/68 (2006.01) A61B 17/84 (2006.01) A61F 2/02 (2006.01) A61F 2/28 (2006.01)**
[25] EN
[54] **FEEDBACK FOR PROVIDING ARTIFICIAL BONE FLAP**
[54] **RETROACTION POUR UTILISER UN VOLET OSSEUX ARTIFICIEL**
[72] PIRON, CAMERON, CA
[72] YUWARAJ, THAS, CA
[72] RICHMOND, JOSHUA, CA
[72] SELA, GAL, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-17
[86] 2015-03-17 (PCT/CA2015/050196)
[87] (WO2016/026029)
[30] CA (PCT/CA2014/050798) 2014-08-20

[11] **2,959,325**
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 80/10 (2009.01)**
[25] EN
[54] **MEDIA CHANNEL MANAGEMENT APPARATUS FOR NETWORK COMMUNICATIONS SESSIONS**
[54] **APPAREIL DE GESTION DE CANAUX DE MEDIA POUR SESSIONS DE COMMUNICATIONS EN RESEAU**
[72] PIRAT, VINCENT, US
[72] THOMAS, FREDERIC, US
[72] NICOLAS, BORIS, US
[72] RISTOCK, HERBERT W.A., US
[72] RAIS, PHILIPPE, US
[73] GREENEDEN U.S. HOLDINGS II, LLC, US
[85] 2017-02-24
[86] 2015-07-24 (PCT/US2015/042106)
[87] (WO2016/015008)
[30] US (14/340,526) 2014-07-24

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[13] C
[51] **Int.Cl. A61F 2/16 (2006.01) A61F 9/007 (2006.01)**
[25] EN
[54] **ACCOMMODATING INTRAOCULAR LENS**
[54] **LENTILLE INTRAOCULAIRE ADAPTATIVE**
[72] SALAHIEH, AMR, US
[72] ARGENTO, CLAUDIO R., US
[72] SAUL, TOM, US
[72] VAUGHAN, BOB, US
[72] WILLIS, ERIC, US
[72] SALAHIEH, ALI, US
[73] SHIFAMED HOLDINGS, LLC, US
[85] 2017-02-24
[86] 2015-08-26 (PCT/US2015/046998)
[87] (WO2016/033217)
[30] US (62/042,195) 2014-08-26

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[13] C
[51] **Int.Cl. B23K 9/067 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO CONTROL HOT-START WELD CURRENT FOR ARC IGNITION**
[54] **METHODES ET APPAREIL DE CONTROLE DE COURANT DE SOUDAGE A DEMARRAGE A CHAUD DESTINE A L'ALLUMAGE D'ARC**
[72] KNOENER, CRAIG STEVEN, US
[72] MACMULLEN, ZACH, US
[72] TYLER, CHARLES ACE, US
[72] JOHNSON, LUCAS CHARLES, US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2959889)
[87] (2959889)
[22] 2017-03-03
[30] US (62/316,223) 2016-03-31
[30] US (15/419,498) 2017-01-30

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[13] C
[51] **Int.Cl. H02B 11/12 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER POSITIONING SYSTEM AND METHOD FOR CONNECTION AND DISCONNECTION THEREOF**
[54] **SYSTEME DE POSITIONNEMENT DE DISJONCTEURS ET METHODE DE CONNEXION ET DECONNEXION ASSOCIEE**
[72] MECCA, FLORENT, CA
[72] GADEN, CEDRIC, CA
[72] BOZONAT, JEAN, CA
[73] 9088-5625 QUEBEC INC., CA
[86] (2960591)
[87] (2960591)
[22] 2017-03-10
[30] US (62/306,965) 2016-03-11

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[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH25KM**
[54] **MAIS ENDOGAME PH25KM**
[72] CHANDLER, MICHAEL ADAM, US
[72] SMALLEY, MATTHEW DAVID, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961163)
[87] (2961163)
[22] 2017-03-17
[30] US (15/086,463) 2016-03-31

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[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X75H410**
[54] **MAIS HYBRIDE X75H410**
[72] KING, STEVEN PAUL, CA
[72] MONTPETIT, JEAN-MARC, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961360)
[87] (2961360)
[22] 2017-03-21
[30] US (15/086,410) 2016-03-31

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[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X90H605**
[54] **MAIS HYBRIDE X90H605**
[72] CARRIGAN, LORI LISA, US
[72] CABRAL, CANDIDA BRAGA, US
[72] CHRISTENSEN, DEAN WILLIAM, US
[72] GARCIA, GUSTAVO MARCELO, CA
[72] SZALMA, STEPHEN JOSEPH, US
[72] WALCH, MATTHEW DAVID, US
[72] WEBER, GERHARD P., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961362)
[87] (2961362)
[22] 2017-03-21
[30] US (15/086,316) 2016-03-31

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[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X80H134**
[54] **MAIS HYBRIDE X80H134**
[72] COLEMAN, TRAVIS KORRY, CA
[72] GARCIA, GUSTAVO MARCELO, CA
[72] MONTPETIT, JEAN-MARC, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961369)
[87] (2961369)
[22] 2017-03-21
[30] US (15/086,406) 2016-03-31

[11] **2,961,373**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X85H792**
[54] **MAIS HYBRIDE X85H792**
[72] GARCIA, GUSTAVO MARCELO, CA
[72] KING, STEVEN PAUL, CA
[72] WALCH, MATTHEW DAVID, US
[72] WILLIAM, HARINDRA MANILAL, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961373)
[87] (2961373)
[22] 2017-03-21
[30] US (15/086,391) 2016-03-31

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[11] **2,961,377**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X95H708**
[54] **MAIS HYBRIDE X95H708**
[72] GARCIA, GUSTAVO MARCELO, CA
[72] ARBELBIDE, MARTIN, US
[72] CARRIGAN, LORI LISA, US
[72] COLEMAN, TRAVIS KORRY, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961377)
[87] (2961377)
[22] 2017-03-21
[30] US (15/086,368) 2016-03-31

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[13] C
[51] **Int.Cl. F03D 80/40 (2016.01)**
[25] EN
[54] **ANTI-ICING WIND POWER BLADE AND BLADE DEICING AND HEATING METHOD**
[54] **PALE EOLIENNE ANTIGIVRANTE ET PROCEDE DE DEGIVRAGE ET DE CHAUFFAGE DE PALE**
[72] ZHAO, JIANGANG, CN
[72] PENG, CHAOYI, CN
[72] YANG, WENTAO, CN
[72] WANG, XIAN, CN
[72] XIE, MINGLIANG, CN
[72] CHEN, LONG, CN
[72] ZENG, JINGCHENG, CN
[73] ZHUZHOU TIMES NEW MATERIALS TECHNOLOGY CO., LTD, CN
[85] 2017-03-15
[86] 2015-03-18 (PCT/CN2015/074499)
[87] (WO2016/065807)
[30] CN (201410594991O) 2014-10-30

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[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH25AG**
[54] **MAIS ENDOGAME PH25AG**
[72] COOPER, MARK, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961547)
[87] (2961547)
[22] 2017-03-22
[30] US (15/193,292) 2016-06-27

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[11] **2,961,601**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH2G60**
[54] **MAIS ENDOGAME PH2G60**
[72] COLEMAN, TRAVIS KORRY, CA
[72] GARCIA, GUSTAVO MARCELO, CA
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961601)
[87] (2961601)
[22] 2017-03-22
[30] US (15/086,588) 2016-03-31

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[11] **2,961,632**
[13] C
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH25Y1**
[54] **MAIS ENDOGAME PH25Y1**
[72] CARRIGAN, LORI LISA, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2961632)
[87] (2961632)
[22] 2017-03-22
[30] US (15/086,595) 2016-03-31

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[11] **2,963,019**
[13] C
[51] **Int.Cl. C08L 91/06 (2006.01)**
[25] EN
[54] **CASTING WAX**
[54] **CIRE DE COULEE**
[72] PARASZCZAK, JOHN STANLEY, GB
[72] MORSS, RANDOLPH EUGENE, GB
[72] BRADLEY, GRANT, GB
[73] REMET CORPORATION, US
[85] 2017-03-29
[86] 2014-09-26 (PCT/EP2014/070666)
[87] (WO2015/044376)
[30] GB (1317300.0) 2013-09-30

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[11] **2,963,102**
[13] C
[51] **Int.Cl. B65G 65/30 (2006.01) B60P 1/64 (2006.01) B62D 63/08 (2006.01) B65G 65/23 (2006.01) B65G 67/02 (2006.01) E04H 7/22 (2006.01)**
[25] EN
[54] **FRACTURE SAND SILO SYSTEM AND METHODS OF DEPLOYMENT AND RETRACTION OF SAME**
[54] **SYSTEME DE SILO DE SABLE DE FRACTURE ET METHODES DE DEPLOIEMENT ET DE RETRACTION DE CELUI-CI**
[72] MCIVER, TERRY, US
[72] CUNNINGHAM, JOHN, US
[73] SOLARIS OILFIELD SITE SERVICES OPERATING LLC, US
[86] (2963102)
[87] (2963102)
[22] 2012-10-23
[62] 2,851,290
[30] US (61/550,776) 2011-10-24
[30] US (61/661,044) 2012-06-18

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[13] C
[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **DEVICE, METHOD, AND GRAPHICAL USER INTERFACE FOR PRESENTING AND INSTALLING APPLICATIONS**
[54] **DISPOSITIF, PROCEDE ET INTERFACE UTILISATEUR GRAPHIQUE POUR PRESENTER ET INSTALLER DES APPLICATIONS**
[72] SRINIVASAN, RAGAVAN, US
[72] NAZARUK, IEVGENII, US
[73] FACEBOOK, INC., US
[85] 2017-03-31
[86] 2014-10-13 (PCT/US2014/060260)
[87] (WO2016/057051)
[30] US (14/511,124) 2014-10-09

[11] 2,963,825
[13] C
[51] **Int.Cl. B65D 55/02 (2006.01)**
[25] EN
[54] **TAMPER EVIDENT LID AND METHOD OF MAKING SAME**
[54] **COUVERCLE A INDICATEUR D'EFFRACTION ET SON PROCEDE DE FABRICATION**
[72] WITT, STEPHEN HUGH, CA
[73] STANPAC INC., CA
[85] 2017-04-06
[86] 2014-12-12 (PCT/CA2014/051209)
[87] (WO2016/054720)
[30] US (62/060,730) 2014-10-07

[11] 2,964,974
[13] C
[51] **Int.Cl. B25J 1/04 (2006.01) F21V 19/04 (2006.01) H01K 3/32 (2006.01)**
[25] EN
[54] **APPARATUS FOR REMOVING AND INSTALLING ELEVATED LIGHT BULBS**
[54] **APPAREIL SERVANT A RETIRER ET INSTALLER DES AMPOULES ELECTRIQUES EN POSITION ELEVEE**
[72] GATSKI, FRANK, US
[73] GATSKI, FRANK, US
[85] 2017-04-18
[86] 2016-01-05 (PCT/US2016/012200)
[87] (WO2016/114949)
[30] US (14/597,926) 2015-01-15

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[13] C
[51] **Int.Cl. E21B 23/02 (2006.01) E21B 10/32 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **MULTI SHOT ACTIVATION SYSTEM**
[54] **SYSTEME D'ACTIVATION A TIRS MULTIPLES**
[72] MAGEREN, OLIVIER, BE
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-26
[86] 2014-12-30 (PCT/US2014/072782)
[87] (WO2016/108854)

[11] 2,966,486
[13] C
[51] **Int.Cl. E01D 15/12 (2006.01)**
[25] EN
[54] **COMPOSITE RIG MAT COMPRISING PULTRUDED COMPOSITE MEMBERS**
[54] **PLATEFORME DE BOIS MODULAIRE COMPOSITE RENFERMANT DES ELEMENTS COMPOSITES PULTRUDES**
[72] DAGESSE, PAUL, CA
[73] DAGESSE, PAUL, CA
[86] (2966486)
[87] (2966486)
[22] 2017-05-10
[30] US (62367332) 2016-07-27

[11] 2,968,796
[13] C
[51] **Int.Cl. B65G 23/06 (2006.01) B65G 15/64 (2006.01) B65G 39/071 (2006.01)**
[25] EN
[54] **CONVEYOR BELT POSITIVE DRIVE ROLLER**
[54] **ROULEAU D'ENTRAINEMENT POSITIF DE COURROIE DE TRANSPORT**
[72] SCHILTZ, GARY WAYNE, US
[72] SCHILTZ, BRIAN SCOTT, US
[73] PRECISION, INC., US
[86] (2968796)
[87] (2968796)
[22] 2016-03-10
[62] 2,923,266
[30] US (14/645,607) 2015-03-12

[11] 2,968,991
[13] C
[51] **Int.Cl. G01F 1/66 (2006.01) G01P 5/24 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR FLUID FLOW RATE MEASUREMENT**
[54] **PROCEDE ET SYSTEME DE MESURE DE DEBIT DE FLUIDE**
[72] GESTNER, BRIAN, US
[73] RELIANCE WORLDWIDE CORPORATION, US
[85] 2017-05-25
[86] 2016-05-13 (PCT/US2016/032401)
[87] (WO2016/187020)
[30] US (62/162,568) 2015-05-15
[30] US (14/741,124) 2015-06-16

[11] 2,969,343
[13] C
[51] **Int.Cl. G01F 25/00 (2006.01)**
[25] EN
[54] **FLOW METER CONFIGURATION AND CALIBRATION**
[54] **ETALONNAGE ET CONFIGURATION DE DEBITMETRE**
[72] GESTNER, BRIAN, US
[72] MESS, FRANCIS M., US
[72] LEADERS, JEFFREY L., US
[73] RELIANCE WORLDWIDE CORPORATION, US
[85] 2017-05-30
[86] 2016-08-26 (PCT/US2016/048944)
[87] (WO2017/040267)
[30] US (62/211,607) 2015-08-28

[11] 2,969,992
[13] C
[51] **Int.Cl. B64C 27/51 (2006.01) B64C 27/37 (2006.01) B64C 27/39 (2006.01) B64C 27/635 (2006.01)**
[25] FR
[54] **ROTOR AND AIRCRAFT EQUIPPED WITH SUCH A ROTOR**
[54] **ROTOR ET AERONEF POURVU D'UN TEL ROTOR**
[72] HONNORAT, OLIVIER, FR
[72] JALAGUIER, JEAN-PIERRE, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2969992)
[87] (2969992)
[22] 2017-06-06
[30] FR (1601027) 2016-06-29

[11] **2,975,708**
[13] C
[51] **Int.Cl. A61F 11/14 (2006.01) A61F 11/06 (2006.01) G10K 11/16 (2006.01) H04R 1/10 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **HEARING PROTECTOR WITH COMPARTMENT FOR RECHARGEABLE BATTERY PACK**
[54] **PROTECTEUR ANTIBRUIT AVEC COMPARTIMENT POUR BLOC DE BATTERIES RECHARGEABLES**
[72] FLETCHER, DOUGLAS D., US
[72] HEMBERG, OSCAR M., CN
[72] HEMBERG, ERIC O., CN
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-08-02
[86] 2016-01-27 (PCT/US2016/015037)
[87] (WO2016/126476)
[30] US (62/110,742) 2015-02-02

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[13] C
[51] **Int.Cl. F16J 15/3244 (2016.01) F16J 15/3204 (2016.01)**
[25] EN
[54] **SEALING DEVICE**
[54] **APPAREIL D'ETANCHEISATION**
[72] HONMA, NAOYUKI, JP
[73] NOK CORPORATION, JP
[86] (2976953)
[87] (2976953)
[22] 2017-08-21
[30] JP (2016-170531) 2016-09-01

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[13] C
[51] **Int.Cl. B25H 3/00 (2006.01) B25B 13/06 (2006.01) B25B 13/46 (2006.01)**
[25] EN
[54] **COMPOSITE TOOL HOLDER**
[54] **SUPPORT POUR OUTIL EN COMPOSITE**
[72] KAO, JUI-CHIEN, TW
[73] KAO, JUI-CHIEN, CN
[86] (2979139)
[87] (2979139)
[22] 2016-05-13
[62] 2,929,841
[30] TW (104208746) 2015-06-02

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[13] C
[51] **Int.Cl. A61L 27/18 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **BIODEGRADABLE SOFT TISSUE FILLER**
[54] **CHARGE BIODEGRADABLE POUR TISSUS MOUS**
[72] LEONG, LIANG WEY, CA
[72] SANTERRE, PAUL, CA
[72] SHARIFPOOR, SOROR, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[73] UNIVERSITY HEALTH NETWORK, CA
[85] 2017-09-12
[86] 2017-02-16 (PCT/CA2017/000030)
[87] (WO2017/139868)
[30] US (62/296,146) 2016-02-17

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[11] **2,980,678**
[13] C
[51] **Int.Cl. C08L 9/06 (2006.01) B65G 15/32 (2006.01) C08L 23/16 (2006.01)**
[25] EN
[54] **HEAT, FLEX FATIGUE AND OZONE RESISTANT CONVEYOR BELT COVER**
[54] **COUCHE DE RECOUVREMENT DE BANDE TRANSPORTEUSE RESISTANT A LA CHALEUR, A LA FATIGUE EN FLEXION ET A L'OZONE**
[72] RONG, GUANGZHUO, US
[72] BURROWES, THOMAS GEORGE, US
[73] CONTITECH TRANSPORTBANDSYSTEME GMBH, DE
[85] 2017-09-21
[86] 2016-06-29 (PCT/US2016/039987)
[87] (WO2017/019235)
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[54] **DISPOSITIF D'AJUSTEMENT DU VOLUME POUR PIPETEUR MANUEL**
[72] LACROIX, CHRISTOPHER, US
[73] INTEGRA BIOSCIENCES AG, CH
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[25] EN
[54] **METHOD FOR LASER WELDING THE END FACES OF THE JOINTS OF TWO CONNECTING FLANGES HELD IN AN ADJOINING MANNER**
[54] **PROCEDE SERVANT A SOUDER AU LASER DU COTE FRONTAL DES JOINTURES DE DEUX BRIDES D'ASSEMBLAGE MAINTENUES L'UNE CONTRE L'AUTRE**
[72] STUHRMANN, JAN, DE
[73] KIRCHHOFF AUTOMOTIVE DEUTSCHLAND GMBH, DE
[85] 2017-10-18
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[25] EN
[54] **REMOTE CONTROL SYSTEM IMPLEMENTING HAPTIC TECHNOLOGY FOR CONTROLLING A RAILWAY VEHICLE**
[54] **SYSTEME DE COMMANDE A DISTANCE METTANT EN OEUVRE UNE TECHNOLOGIE HAPTIQUE SERVANT A COMMANDER UN VEHICULE FERROVIAIRE**
[72] ECTON, MARK, US
[72] REMPE, TORSTEN, US
[73] HETRONIC INTERNATIONAL, INC., US
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[25] EN
[54] **INTERMEDIATE BEARING FOR A DRIVE SHAFT TRAIN**
[54] **PALIER INTERMEDIAIRE POUR LIGNE D'ARBRES D'ENTRAINEMENT**
[72] STEIN, THOMAS, DE
[73] SPICER GELENKWELLENBAU GMBH, DE
[85] 2017-10-27
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[25] EN
[54] **NON-SYNCHRONOUS BUCK CONVERTER WITH SOFTWARE-BASED BOOTSTRAP**
[54] **CONVERTISSEUR ABAISSEUR NON SYNCHRONE AVEC AMORCE BASEE SUR LOGICIEL**
[72] WANG, LEI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-11-15
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[25] EN
[54] **MODELLING OF FLUID ELASTICITY EFFECTS ON PROPPANT DYNAMICS**
[54] **MODELISATION DES EFFETS D'ELASTICITE DE FLUIDE SUR LA DYNAMIQUE D'AGENT DE SOUTENEMENT**
[72] WU, HONGFEI, US
[72] MADASU, SRINATH, US
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **FILTER VESSEL ASSEMBLY AND RELATED METHODS OF USE**
[54] **CORPS DE FILTRE ET METHODES D'UTILISATION CONNEXES**
[72] HOOTS, JOSHUA LEE, US
[72] STONE, JON TERENCE, US
[72] PACE, MICHAEL TODD, US
[73] HAYWARD INDUSTRIES, INC., US
[86] (2987531)
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[54] **FASTENING DEVICES FOR PREFABRICATED REUSABLE CONCRETE PEDESTAL**
[54] **DISPOSITIFS DE FIXATION DESTINES A UN PIETEMENT EN BETON REUTILISABLE PREFABRIQUE**
[72] SPRONKEN, JOHN R., CA
[73] SPRONKEN, JOHN R., CA
[86] (2989842)
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[54] **METHOD FOR CONTROLLING BRAKING DEVICE AND BRAKING CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE DE DISPOSITIF DE FREINAGE ET DISPOSITIF DE COMMANDE DE FREINAGE**
[72] KOMATSU, GAKUSHI, JP
[72] SUZUKI, YASUHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-09
[86] 2015-07-10 (PCT/JP2015/069908)
[87] (WO2017/009899)

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[51] **Int.Cl. G01C 21/30 (2006.01) G08G 1/00 (2006.01)**
[25] EN
[54] **OWN-POSITION ESTIMATION DEVICE AND OWN-POSITION ESTIMATION METHOD**
[54] **DISPOSITIF ET PROCEDE D'ESTIMATION D'UNE POSITION PROPRE**
[72] ASAI, TOSHIHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-10
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[54] **SEAL STRUCTURE FOR FUEL CELL**
[54] **STRUCTURE D'ETANCHEITE POUR PILE A COMBUSTIBLE**
[72] IRITSUKI, KEITA, JP
[72] IZUMI, TAKAO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **RECONSTRUCTING AUDIO SIGNALS WITH MULTIPLE DECORRELATION TECHNIQUES AND DIFFERENTIALLY CODED PARAMETERS**
[54] **RECONSTRUCTION DE SIGNAUX AUDIO AU MOYEN DE TECHNIQUES DE DECORRELATION MULTIPLES ET DE PARAMETRES CODES DE MANIERE DIFFERENTIELLE**
[72] DAVIS, MARK FRANKLIN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[86] (2992089)
[87] (2992089)
[22] 2005-02-28
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[54] **PLASMA ATOMIZATION METAL POWDER MANUFACTURING PROCESSES AND SYSTEMS THEREFOR**
[54] **PROCEDES DE FABRICATION DE POUDRE METALLIQUE PAR ATOMISATION AU PLASMA ET SYSTEMES S'Y RAPPORTANT**
[72] LAROUCHE, FREDERIC, CA
[72] BALMAYER, MATTHIEU, CA
[72] TRUDEAU-LALONDE, FRANCIS, CA
[73] AP&C ADVANCED POWDERS AND COATINGS INC., CA
[85] 2018-01-12
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[54] **DIGITAL WALLET**
[54] **PORTEFEUILLE NUMERIQUE**
[72] PIRZADA, ALI ASAD, CA
[73] PIRZADA, ALI ASAD, CA
[86] (2992461)
[87] (2992461)
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[25] EN
[54] **SCREW FASTENERS FOR FIBROUS MATERIALS**
[54] **FIXATIONS A VIS DESTINEES A DES MATERIAUX FIBREUX**
[72] RUHMANN, SWEN KAI, CA
[72] WALTHER, ULRICH O. H., CA
[73] 1833236 ONTARIO INC., CA
[86] (2994851)
[87] (2994851)
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[25] EN
[54] **ADAPTIVE FILTERING BASED UPON BOUNDARY STRENGTH**
[54] **FILTRAGE ADAPTATIF FONDE SUR LA FORCE DE FRONTIERE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
[73] DOLBY INTERNATIONAL AB, NL
[86] (3001216)
[87] (3001216)
[22] 2002-09-11
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[51] **Int.Cl. H04N 19/86 (2014.01)**
[25] EN
[54] **ADAPTIVE FILTERING BASED UPON BOUNDARY STRENGTH**
[54] **FILTRAGE ADAPTATIF FONDE SUR LA RESISTANCE DE FRONTIERE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
[73] DOLBY INTERNATIONAL AB, NL
[86] (3001227)
[87] (3001227)
[22] 2002-09-11
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[25] EN
[54] **ADAPTIVE FILTERING BASED UPON BOUNDARY STRENGTH**
[54] **FILTRAGE ADAPTATIF FONDE SUR LA RESISTANCE DE FRONTIERE**
[72] SUN, SHIJUN, US
[72] LEI, SHAWMIN, US
[72] KATATA, HIROYUKI, JP
[73] DOLBY INTERNATIONAL AB, NL
[86] (3001246)
[87] (3001246)
[22] 2002-09-11
[62] 2,973,279
[30] US (09/953,329) 2001-09-14

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[13] C
[51] **Int.Cl. G01C 21/16 (2006.01)**
[25] FR
[54] **METHOD FOR DESIGNING A NAVIGATION PATH AND METHOD FOR ORIENTING A SIGHTING MEMBER FROM SAID NAVIGATION PATH**
[54] **PROCEDE D'ELABORATION D'UNE NAVIGATION ET PROCEDE D'ORIENTATION D'UN ORGANE DE VISEE A PARTIR DE CETTE NAVIGATION**
[72] DAVAIN, LOIC, FR
[72] FABIEN, SIMON, FR
[73] SAFRAN ELECTRONICS & DEFENSE, FR
[85] 2018-05-09
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[25] EN
[54] **NETWORK POWER PLANT**
[54] **CENTRALE ELECTRIQUE RESEAU**
[72] HARRISON, GRAEME S., CA
[71] HARRISON, GRAEME S., CA
[22] 2017-02-08
[41] 2018-08-08

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[51] **Int.Cl. B29C 45/26 (2006.01) B29C 33/38 (2006.01) B29C 33/42 (2006.01) B29C 33/76 (2006.01)**
[25] EN
[54] **ECONOMICAL PLASTIC TUBING CORES FOR MOLD AND DIE SETS**
[54] **AMES DE TUBAGES DE PLASTIQUE ECONOMIQUES DESTINEES A DES ENSEMBLES DE MOULE ET MATRICE**
[72] LAPIERRE-BOIRE, LOUIS-PHILIPPE, CA
[71] SOREL FORGE CO., CA
[71] A. FINKL & SONS CO., US
[22] 2017-02-06
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[51] **Int.Cl. H04B 7/195 (2006.01) H04W 84/06 (2009.01) B64G 1/10 (2006.01) B64G 1/54 (2006.01) B64G 3/00 (2006.01) H01Q 5/00 (2015.01)**
[25] EN
[54] **SYNTHETICALLY RECREATING THE GEOSTATIONARY SATELLITE ORBITAL ARC ARRAY WITH PREFERRED ELLIPTICAL ORBIT PARAMETERS**
[54] **REPRODUCTION SYNTHETIQUE DE RESEAU A ARC ORBITAL DE SATELLITE GEOSTATIONNAIRE AYANT DES PARAMETRES D'ORBITE ELLIPTIQUE PREFERES**
[72] LEWIS, DAVID R., CA
[71] LEWIS, DAVID R., CA
[22] 2017-02-06
[41] 2018-08-06

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[51] **Int.Cl. E21B 33/03 (2006.01)**
[25] EN
[54] **PITLESS UNIT WITH NON-CORROSIVE MATERAIAL ON WETTED SURFACES**
[54] **MODULE SANS FOSSE DOTE DE MATERIAU NON CORROSIF SUR LES SURFACES MOUILLEES**
[72] WALDNER, JOHN, CA
[72] WALDNER, JAMES, CA
[72] WALDNER, SILAS, CA
[72] LITTLE, JOHN, CA
[72] GALA, EUGENE, CA
[71] SIM ENTERPRISES LTD., CA
[22] 2017-02-06
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[51] **Int.Cl. F16L 55/00 (2006.01) F16L 35/00 (2006.01)**
[25] EN
[54] **FLOWLINE RESTRAINT METHOD**
[54] **METHODE DE RESTRICTION DE CONDUITE**
[72] HARRIS, DANIEL W., CA
[72] HAMPTON, LESLEY G., CA
[71] HARRIS, DANIEL W., CA
[71] HAMPTON, LESLEY G., CA
[22] 2017-02-07
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[51] **Int.Cl. A63B 60/56 (2015.01) A63B 59/70 (2015.01) B65B 11/00 (2006.01) B65H 18/28 (2006.01)**
[25] EN
[54] **SPORTS STICK TAPE AND METHOD OF USE**
[54] **RUBAN ADHESIF POUR EQUIPEMENT SPORTIF ET METHODE D'UTILISATION**
[72] BERTHOLD, DEAN, CA
[71] BERTHOLD, DEAN, CA
[22] 2017-02-07
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[51] **Int.Cl. H02J 3/00 (2006.01) H02B 1/03 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **REMOTE DISCONNECT OVERRIDE DEVICE**
[54] **DISPOSITIF DE NEUTRALISATION DE DECONNEXION A DISTANCE**
[72] UNKNOWN, ZZ
[71] KUNZ, DEREK N., CA
[22] 2017-02-07
[41] 2018-08-07

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[13] A1
[51] **Int.Cl. E01C 19/20 (2006.01) A01C 7/16 (2006.01) B60P 1/56 (2006.01) B65G 65/40 (2006.01) B65G 67/24 (2006.01)**
[25] EN
[54] **HEIGHT ADJUSTABLE PIVOTING PLATFORM FOR USE AS A SPREADER TURRET BASE**
[54] **PLATEFORME PIVOTANTE A HAUTEUR AJUSTABLE DESTINEE A UNE BASE DE TOURELLE D'EPANDEUR**
[72] DOROMBOZI, RON, CA
[72] KOPPELAAR, KEVIN, CA
[71] KOPPELAAR, GREG, CA
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[51] **Int.Cl. F21V 29/70 (2015.01) F21L 4/00 (2006.01)**
[25] EN
[54] **LIGHT SOURCE MODULE**
[54] **MODULE DE SOURCE D'ECLAIRAGE**
[72] LIU, YUN-ZHAO, CN
[71] GUANGDONG JETFAST PORTABLE LIGHTING CO., LTD., CN
[22] 2017-02-07
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[51] **Int.Cl. E04F 11/18 (2006.01) E04H 17/20 (2006.01)**
[25] EN
[54] **IMPROVED AND ADJUSTABLE BALUSTRADE SYSTEM**
[54] **SYSTEME DE BALUSTRADE AJUSTABLE AMELIORE**
[72] LOH, LAY TEE, TH
[72] CHABOT, JERRY, CA
[72] HURTUBISE, MARC, CA
[72] LIU, FUZHONG, CA
[72] TITLEY, LUC, CA
[71] MOULURE ALEXANDRIA MOULDING INC., CA
[22] 2017-02-07
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[51] **Int.Cl. B23P 6/04 (2006.01)**
[25] EN
[54] **IN SITU GAS TURBINE PREVENTION OF CRACK GROWTH PROGRESSION**
[54] **PREVENTION SUR PLACE DE LA PROGRESSION D'UNE FISSURE DANS UNE TURBINE A GAZ**
[72] ROBERTS, HERBERT CHIDSEY, US
[72] DIWINSKY, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-07
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[51] **Int.Cl. C12N 1/20 (2006.01) B01J 37/04 (2006.01) C01B 39/00 (2006.01) C02F 1/28 (2006.01) C02F 1/52 (2006.01) C02F 1/58 (2006.01) C02F 3/00 (2006.01) C02F 3/34 (2006.01) C02F 11/04 (2006.01)**
[25] EN
[54] **ADDITIVE FOR WASTEWATER TREATMENT**
[54] **ADDITIF DESTINE AU TRAITEMENT DES EAUX USEES**
[72] NAIDER-FANFAN, PIERRE, CA
[71] PROBIOSPHERE INC., CA
[22] 2017-02-08
[41] 2018-08-08

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[51] **Int.Cl. A01K 25/00 (2006.01)**
[25] EN
[54] **TRANSPARENT ANIMAL MUZZLE**
[54] **MUSELIERE TRANSPARENTE POUR ANIMAUX**
[72] NELSON, SCOTT B., CA
[72] PAYNE, MICHELLE M., CA
[71] NELSON, SCOTT B., CA
[71] PAYNE, MICHELLE M., CA
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[51] **Int.Cl. H04W 24/00 (2009.01) H04W 28/02 (2009.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **COMMUNICATIONS PROTOCOL FOR INVENTORY CONTROL**
[54] **PROTOCOLE DE COMMUNICATION DESTINE AU CONTROLE DES STOCKS**
[72] BREGANTE, GIANCAROLO, US
[71] CHRISTIE LITES ENTERPRISES CANADA INC., CA
[71] GBX TECHNOLOGY LLC, US
[22] 2017-02-08
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[51] **Int.Cl. A41B 13/06 (2006.01) A41D 1/21 (2018.01) A41D 1/22 (2018.01) A41D 3/00 (2006.01) A41D 11/00 (2006.01) A47D 15/00 (2006.01)**
[25] EN
[54] **MULTIPURPOSE COVER FOR SHIELDING A CHILD FROM ENVIRONMENTAL ELEMENTS AND METHOD OF USING SAME**
[54] **COUVERCLE POLYVALENT POUR PROTEGER UN ENFANT CONTRE DES ELEMENTS ENVIRONNEMENTAUX ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] WINFIELD KMIEC, EVANGELINE, CA
[71] LOVE MY LIFE BOUTIQUE INC., CA
[22] 2017-02-10
[41] 2018-08-10

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[51] **Int.Cl. H04L 9/00 (2006.01) G06F 21/60 (2013.01) H04L 9/14 (2006.01) H04L 12/22 (2006.01)**
[25] EN
[54] **SECURE MONITORING OF PRIVATE ENCOUNTERS**
[54] **SURVEILLANCE SECURISEE DE RENCONTRES PRIVEES**
[72] COUSE, JOHN M., CA
[72] SLADE SHANTZ, JESSE, CA
[71] SPXTRM HEALTH INC., CA
[22] 2017-02-10
[41] 2018-08-10

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[13] A1
[51] **Int.Cl. A43B 17/00 (2006.01) A41B 11/08 (2006.01)**
[25] EN
[54] **FUNCTIONAL ATHLETIC GRIP SOCK**
[54] **CHAUSSETTE A PRISE ATHLETIQUE FONCTIONNELLE**
[72] GAGLIARDI, DEBBIE, CA
[71] GAGLIARDI, DEBBIE, CA
[22] 2017-02-10
[41] 2018-08-10

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[13] A1
[51] **Int.Cl. F02P 3/02 (2006.01)**
[25] EN
[54] **COIL SECURE BRACKET SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE SUPPORT DE FIXATION DE BOBINE**
[72] KOOMANS, DENNIS, CA
[71] KOOMANS, DENNIS, CA
[22] 2017-02-10
[41] 2018-08-09
[30] US (15428649) 2017-02-09

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[13] A1
[51] **Int.Cl. G01M 11/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR NON-INTRUSIVE DETECTION OF OPTICAL ENERGY LEAKAGE FROM OPTICAL FIBERS**
[54] **SYSTEME ET METHODE DE DETECTION NON INTRUSIVE DE FUITE D'ENERGIE OPTIQUE DES FIBRES OPTIQUES**
[72] SCHELL, J.D., US
[72] HITTEL, JOHN P, US
[72] SALLING, JACKSON, US
[72] KIM, WONOH, US
[71] FLUKE CORPORATION, US
[22] 2017-02-10
[41] 2018-08-10

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[13] A1
[51] **Int.Cl. F24F 13/072 (2006.01) A01F 25/22 (2006.01)**
[25] EN
[54] **POTATO STORAGE VENT**
[54] **EVENT DE LIEU D'ENTREPOSAGE DE POMMES DE TERRE**
[72] WALDNER, JOHN, CA
[71] WALDNER, JOHN, CA
[22] 2017-02-10
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[72] CATLING, JAMES, CA
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[54] **RANGE EXTENDER FOR INDUSTRIAL ELECTRIC VEHICLE**
[54] **DISPOSITIF D'EXTENSION DE PORTEE DESTINE A UN VEHICULE ELECTRIQUE INDUSTRIEL**
[72] GAGNON, JOCELYN, CA
[72] BEAUMONT, MARTIN, CA
[72] BARIL, ERIC, CA
[72] LAPOINTE, PIERRE-LUC, CA
[72] NORMAND, HUGO, JR., CA
[72] FECTEAU, JOEL, CA
[72] DROUIN, PAUL-ANDRE, CA
[72] BELAND, REMY, CA
[72] GUAY, TONY, CA
[71] MOTREC INTERNATIONAL INC., CA
[71] ENGRENAGE PROVINCIAL INC., CA
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[54] **SYSTEM AND METHOD OF SECURITY ENHANCEMENT IN A SECURITY PANEL**
[54] **SYSTEME ET METHODE D'AMELIORATION DE LA SECURITE DANS UN PANNEAU CACHE-COFFRE**
[72] WU, JUN, US
[72] GAO, YEKUN, US
[72] LI, SONG, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **APPLICATEUR DE GAINE DE CONDUCTEUR**
[72] NILES, MARTIN S., CA
[72] LEROUZIC, EDMOND, CA
[72] ALFARO, PAUL, US
[71] CANTEGA TECHNOLOGIES INC., CA
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[54] **HYDRANT ASSEMBLY**
[54] **ENSEMBLE DE BORNE INCENDIE**
[72] LEGGETT, JOHN ALBERT, CA
[72] JENKINS, KYLE WILLIAM, CA
[71] LEGGETT, JOHN ALBERT, CA
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[54] **COMPOSITION FOR WATER TREATMENT AND METHODS OF MANUFACTURE**
[54] **COMPOSITION DE TRAITEMENT D'EAU ET METHODES DE FABRICATION**
[72] GRAVES, JAN D., US
[72] GRAVES, GREGORY D., US
[71] GRAVES, JAN D., US
[71] GRAVES, GREGORY D., US
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[54] **SINGLE HANDED OIL FILTER PUNCHER TOOL SYSTEM AND METHOD**
[54] **SYSTEME D'OUTIL DE PERCAGE DE FILTRE A L'HUILE TENU A UNE MAIN ET METHODE**
[72] DOSKY, RAY-REKEFT, CA
[71] DOSKY, RAY-REKEFT, CA
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[54] **PATIO SUPPORT BRACKET**
[54] **SUPPORT DE TERRASSE**
[72] SZMYR, KAZ, CA
[71] SZMYR, KAZ, CA
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[54] **CULTIVAR DE SOYA AR1205108**
[72] LEE, DAVID SCOTT, CA
[72] MCCLURE, DONALD BRUCE, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
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[25] EN
[54] **RESIN SYSTEM FOR IMPREGNATING A LINER ELEMENT FOR REHABILITATING A PIPELINE, METHOD FOR LINING A PIPELINE AND A REHABILITATION DEVICE**
[54] **SYSTEME DE RESINE SERVANT A IMPREGNER UN ELEMENT DE DOUBLURE INTERIEURE EN VUE DE LA REHABILITATION D'UN PIPELINE, METHODE D'INSTALLATION D'UNE DOUBLURE INTERIEURE DE PIPELINE ET UN DISPOSITIF DE REHABILITATION**
[72] BICHLER, ANDREAS, DE
[72] VIMALANANDAN, ASHOKANAND, DE
[71] TRELLEBORG PIPE SEALS DUISBURG GMBH, DE
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[54] **RAIL SEAT CROWN AND CONCRETE RAILROAD TIE HAVING THE SAME**
[54] **COURONNE DE SIEGE DE RAIL ET ATTACHE DE CHEMIN DE FER EN BETON COMPORTANT LADITE COURONNE**
[72] MARTIN, JOHN K., CA
[71] MARTIN, JOHN K., CA
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[54] **TOP DRIVE TORQUE RESTRAINT DEVICE**
[54] **DISPOSITIF DE LIMITATION DE COUPLE D'ENTRAINEMENT SUPERIEUR**
[72] NELSEN, BLAIR, CA
[72] CHISHOLM, JAMES, CA
[72] GUNDERSON, CODY, CA
[71] NELSEN TECHNOLOGIES INC., CA
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[54] **CYCLE DE POMPAGE DE TRANSFERT DE LIQUIDE**
[72] CRAWFORD, CARL T., US
[72] USELTON, ROBERT B., US
[71] LENNOX INDUSTRIES INC., US
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[54] **INJECTION SYSTEM AND METHOD FOR INJECTING A CYLINDRICAL ARRAY OF DISCRETE LIQUID JETS**
[54] **SYSTEME ET METHODE D'INJECTION SERVANT A INJECTER UN RESEAU CYLINDRIQUE DE JETS DE LIQUIDES DISCRETS**
[72] ANDERSON, JEFFERY S., US
[72] GISH, ERIN R., US
[71] THE BOEING COMPANY, US
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[54] **WIRELESS PTT COMMUNICATION SYSTEM WITH ENHANCED LOCATION REPORTING AND RELATED DEVICES AND METHODS**
[54] **SYSTEME DE COMMUNICATION PTT SANS FIL A SIGNALEMENT D'EMPLACEMENT AMELIORE ET DISPOSITIFS ET METHODES ASSOCIES**
[72] MONNES, PETER, US
[72] LEFEBRE, SHAWN D., US
[72] HENGEVELD, THOMAS A., US
[71] HARRIS CORPORATION, US
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[54] **DOSEUR DE SEMENCES MULTI TYPE DOTE D'UN MECANISME DE COMMUTATION DE SEMENCES**
[72] SCHOENY, CHRISTOPHER, US
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[71] CNH INDUSTRIAL AMERICA LLC, US
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[54] **FUEL LEVEL SENSOR HAVING DUAL FLUORESCENT PLASTIC OPTICAL FIBERS**
[54] **CAPTEUR DE NIVEAU DE CARBURANT COMPORTANT DES FIBRES OPTIQUES EN PLASTIQUE FLUORESCENT**
[72] CHAN, ERIC Y., US
[72] KOSHINZ, DENNIS G., US
[72] TRUONG, TUONG K., US
[71] THE BOEING COMPANY, US
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[54] **COMPOSITION A BASE DE FER DESTINEE A UN ELEMENT DE CARBURANT**
[72] HACKETT, MICAH J., US
[72] KLUEH, RONALD L., US
[71] TERRAPOWER, LLC, US
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[25] EN
[54] **HYDROCARBON RECOVERY SYSTEM WITH SLIDABLE CONNECTORS AND RELATED METHODS**
[54] **SYSTEME DE RECUPERATION D'HYDROCARBURES DOTE DE CONNECTEURS COULISSANTS ET METHODES ASSOCIEES**
[72] HANN, MURRAY T., US
[72] WRIGHT, BRIAN N., US
[72] HIBNER, VERLIN A., US
[71] HARRIS CORPORATION, US
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[25] EN
[54] **TERMINAL ASSEMBLIES SUITABLE FOR POWER RECEPTACLES WITH THERMAL PROTECTION AND ASSOCIATED METHODS**
[54] **ASSEMBLAGES DE TERMINAUX CONVENANT A DES PRISES DE COURANT DOTEES DE PROTECTION THERMIQUE ET METHODES ASSOCIEES**
[72] LACEY, DARRON KIRBY, US
[72] GOUHL, ERIK JEFFREY, US
[72] ZHUANG, ALEX, CN
[72] XIONG, TOM, CN
[72] ZHANG, GEORGE, CN
[71] EATON CORPORATION, US
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[25] EN
[54] **PLANETARY GEARBOX FOR GAS TURBINE ENGINE**
[54] **BOITE D'ENGRENAGES PLANETAIRES DESTINEE A UNE TURBINE A GAZ**
[72] DESJARDINS, MICHEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **SYSTEME ET PROCEDE DE COUPE ET NETTOYAGE DE LA VEGETATION**
[72] KITCHEN, DOUGLAS, CA
[71] KITCHEN, DOUGLAS, CA
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[54] **TURBINE ROTOR WITH LOW OVER-SPEED REQUIREMENTS**
[54] **ROTOR DE TURBINE AYANT DE FAIBLES EXIGENCES EN SURVITESSE**
[72] DUBREUIL, JEAN, CA
[72] PLANTE, GHISLAIN, CA
[72] BEAUCHESNE-MARTEL, PHILIPPE, CA
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[25] EN
[54] **METHOD AND SYSTEM FOR TESTING OPERATION OF SOLENOID VALVES**
[54] **METHODE ET SYSTEME DE TEST DU FONCTIONNEMENT DE VANNES ELECTROMAGNETIQUES**
[72] DARBY, MICHAEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLING OPERATION OF AIRCRAFT ENGINES**
[54] **METHODE ET SYSTEME DE CONTROLE DU FONCTIONNEMENT DES MOTEURS D'AERONEF**
[72] LISIO, CARMINE, CA
[72] LABRECQUE, MICHEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **SURGICAL WOUND CLOSURE APPARATUS**
[54] **APPAREIL DE FERMETURE DE PLAIE CHIRURGICALE**
[72] BHALLA, INDERJEET SINGH, IN
[72] KUMAR, NEERAJ, IN
[71] COVIDIEN LP, US
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[41] 2018-08-06
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[25] EN
[54] **FUEL CELL SYSTEM AND HYDROGEN LEAK DECISION METHOD IN FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE DECISION RELATIVE A UNE FUITE D'HYDROGENE DANS UN SYSTEME DE PILE A COMBUSTIBLE**
[72] SAITO, HIROMU, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-01-16
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[25] EN
[54] **ROTARY INTERNAL COMBUSTION ENGINE WITH UNEQUAL VOLUMETRIC RATIOS**
[54] **MOTEUR A COMBUSTION INTERNE ROTATIF A RAPPORTS VOLUMETRIQUES INEGAUX**
[72] DUSSAULT, SERGE, CA
[72] JULIEN, ANDRE, CA
[72] LANKTREE, MICHAEL, CA
[72] SCHULZ, EDWIN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **MULTI-SPOOL GAS TURBINE ENGINE**
[54] **TURBINE A GAZ A BOBINES MULTIPLES**
[72] FOREST, JEAN-JACQUES, CA
[72] POULIN, MARTIN, CA
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING SKIN CONDITIONS USING LIGHT AND POLYCARBOXYLIC ACIDS**
[54] **COMPOSITION ET METHODE DE TRAITEMENT DE MALADIES CUTANEES AU MOYEN DE LUMIERE ET D'ACIDES POLYCARBOXYLIQUES**
[72] BIANCHINI, JULIE MARIE, US
[72] CAPONE, KIMBERLY A., US
[72] DUNN, KELLY A., US
[72] FASSIH, ALI, US
[72] MIKSA, DAVIDE, US
[72] SETIAWAN, BARRY, US
[72] SOUTHALL, MICHAEL D., US
[72] MOREIRA, LILIAM A., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[25] EN
[54] **AGGLOMERATED WELDING FLUX AND SUBMERGED ARC WELDING PROCESS OF AUSTENITIC STAINLESS STEELS USING SAID FLUX**
[54] **FLUX DE SOUDAGE AGGLOMERE ET PROCEDE DE SOUDAGE A L'ARC SUBMERGE D'ACIERS INOXYDABLES AUSTENITIQUES AU MOYEN DUDIT FLUX**
[72] STARCK, STEPHAN, DE
[71] OERLIKON SCHWEISSTECHNIK GMBH, DE
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[25] EN
[54] **METHOD AND SYSTEM FOR INITIATING REGENERATION OF DIESEL PARTICULATE FILTERS**
[54] **METHODE ET SYSTEME D'AMORCAGE DE REGENERATION DE FILTRES A PARTICULES POUR MOTEUR DIESEL**
[72] SHOCK, DAVID P., US
[72] KOTENKO, THOMAS L., US
[72] MORRIS, DAN O., US
[72] HOEVENAAR, ROBERT J., US
[72] DOSS, DANIEL L., US
[71] SNAP-ON INCORPORATED, US
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[25] EN
[54] **GEARS HAVING REDUCED ROLLER ELEMENT STRESSES AND METHODS OF MANUFACTURING SUCH GEARS**
[54] **ENGRENAGES A CONTRAINTES D'ELEMENT DE ROULEMENT REDUITES ET METHODES DE FABRICATION DE TELS ENGRENAGES**
[72] HALLMAN, DARREN LEE, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **APPLICATOR SYSTEMS FOR APPLYING PRESSURE TO A STRUCTURE**
[54] **SYSTEMES D'APPLICATEUR SERVANT A APPLIQUER UNE PRESSION SUR UNE STRUCTURE**
[72] HOCKEMEYER, MATTHEW HARPER, US
[72] JEONG, YOUNKOO, US
[72] BOLLACKER, JAMES DUVALL, US
[72] SINHA, SHATIL, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **GAMING MACHINE WITH MOVING TRIGGER SYMBOLS**
[54] **MACHINE DE JEU SERVANT A DEPLACER DES SYMBOLES DE DECLENCHEMENT**
[72] WORTMANN, JONATHAN BRUCE, AU
[71] PRIDEFIELD LIMITED, IM
[22] 2018-01-26
[41] 2018-08-06
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[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/00 (2006.01) A61M 39/02 (2006.01) B01D 27/00 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLY WITH INTEGRAL FILTER AND EVACUATION PORT**
[54] **ASSEMBLAGE DE JOINT DOTE D'UN FILTRE INTEGRAL ET D'UN ORIFICE D'EVACUATION**
[72] HOLSTEN, HENRY, US
[72] HORTON, KENNETH, US
[71] COVIDIEN LP, US
[22] 2018-01-26
[41] 2018-08-10
[30] US (62/457,511) 2017-02-10
[30] US (62/573,308) 2017-10-17
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[51] **Int.Cl. F01C 1/107 (2006.01) E21B 4/02 (2006.01) F01C 19/00 (2006.01) F04C 2/107 (2006.01)**
[25] EN
[54] **LOBED ROTOR WITH CIRCULAR SECTION FOR FLUID-DRIVING APPARATUS**
[54] **ROTOR A LOBES DOTE D'UNE SECTION CIRCULAIRE DESTINEE A UN APPAREIL D'ENTRAINEMENT DE FLUIDE**
[72] ANDERSON, TYSON BENTLEY, US
[72] COGHLAN, EDMOND TATE, US
[72] RIVARD, ZACHARIAH PAUL, US
[71] ROPER PUMP COMPANY, US
[22] 2018-01-26
[41] 2018-08-06
[30] US (62/454,980) 2017-02-06
[30] US (15/601,193) 2017-05-22

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[51] **Int.Cl. H02J 7/00 (2006.01) B63H 21/17 (2006.01)**
[25] EN
[54] **SHIP OR POWER PLANT VOLTAGE SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION DE TENSION DESTINE A UN NAVIRE OU UNE CENTRALE ELECTRIQUE**
[72] KNAFL, ALEXANDER, DE
[72] STIESCH, GUNNAR, DE
[72] FRIEDRICH, BERND, DE
[71] MAN DIESEL & TURBO SE, DE
[22] 2018-01-29
[41] 2018-08-06
[30] DE (102017102257.0) 2017-02-06

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[25] EN
[54] **HARD-LANDING DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'ATTERRISSAGE BRUTAL**
[72] CEPIC, ADNAN, CA
[72] FAZELI, AMIR, CA
[72] REBER, SUSANNE, US
[71] GOODRICH CORPORATION, US
[22] 2018-01-29
[41] 2018-08-08
[30] US (15/427,923) 2017-02-08

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G10L 15/26 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSFORMING A VOICEMAIL INTO A COMMUNICATION SESSION**
[54] **SYSTEME ET METHODE DE TRANSFORMATION DE MESSAGE VOCAL EN UNE SESSION DE COMMUNICATION**
[72] DORSEY, STEPHEN, CA
[72] ST-GERMAIN, PIERRE, CA
[72] KAHLA, MOHAMED, CA
[72] TEWFIK, KHALED, CA
[71] BABYTEL INC., CA
[22] 2018-01-31
[41] 2018-08-06
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[25] EN
[54] **DEVICE FOR GETTING RID OF UNDESIRABLE ANIMALS**
[54] **DISPOSITIF SERVANT A ELIMINER LES ANIMAUX NUISIBLES**
[72] BOUGIE, NORMAND, CA
[71] BOUGIE, NORMAND, CA
[22] 2018-02-01
[41] 2018-08-10
[30] GB (1702274.0) 2017-02-10

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[13] A1
[51] **Int.Cl. F16L 25/10 (2006.01) F16J 15/06 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR PIPE RESTRAINED JOINT SEAL AND LOCK**
[54] **SYSTEME, METHODE ET APPAREIL DE JOINT ET VERROU DE RACCORD LIMITE DE TUYAU**
[72] CLAPPER, JOSHUA E., US
[72] YASHIN, DMITRY, US
[72] DEAN, ROY L., US
[71] NORTH AMERICAN PIPE CORPORATION, US
[22] 2018-02-01
[41] 2018-08-06
[30] US (62/455,467) 2017-02-06
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[51] **Int.Cl. F16L 21/06 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR IN-LINE REMOVABLE PIPE ASSEMBLY**
[54] **SYSTEME, METHODE ET APPAREIL D'ASSEMBLAGE DE TUYAU AMOVIBLE EN LIGNE**
[72] CLAPPER, JOSHUA E., US
[72] YASHIN, DMITRY, US
[72] DEAN, ROY L., US
[71] NORTH AMERICAN PIPE CORPORATION, US
[22] 2018-02-01
[41] 2018-08-06
[30] US (62/455,122) 2017-02-06
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[25] EN
[54] **DUAL FUNCTION AIRCRAFT**
[54] **AERONEF A DOUBLE FONCTION**
[72] VONDRELL, RANDY M., US
[72] CRABTREE, GLENN DAVID, US
[72] BARONE, DOMINIC, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-02-01
[41] 2018-08-10
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[54] **PROPULSION SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE PROPULSION DESTINE A UN AERONEF**
[72] VONDRELL, RANDY M., US
[72] CRABTREE, GLENN DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **TRUCK BED LIFT**
[54] **DISPOSITIF DE LEVAGE DE PLATEFORME DE CAMION**
[72] CAMERON, RODNEY, CA
[72] KUHN, ROBERT, CA
[72] MARTIN, HERMAN, CA
[71] CAMERON, RODNEY, CA
[71] KUHN, ROBERT, CA
[71] MARTIN, HERMAN, CA
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[51] **Int.Cl. F16D 3/70 (2006.01) A47H 5/00 (2006.01) E06B 9/322 (2006.01) E06B 9/42 (2006.01) E06B 9/56 (2006.01) F16D 3/12 (2006.01) F16D 3/68 (2006.01) F16F 15/124 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO REDUCE NOISE IN MOTOR ASSEMBLIES**
[54] **METHODE ET APPAREIL DE REDUCTION DU BRUIT DANS LES ASSEMBLAGES DE MOTEUR**
[72] FOGARTY, DANIEL M., US
[72] ANTHONY, JAMES M., US
[72] BRAYFORD, PAUL A., US
[72] FISHER, ROBERT, II, US
[72] HUBER, DANIEL A., US
[72] PRUEGNER, JAN, US
[72] BRACE, CLARK, US
[72] DANN, KEVIN, US
[72] OELSCHLAGER, MAX, US
[72] NELSON, TODD, US
[72] BUCCOLA, NICKOLAS C., JR., US
[72] GOLDBERG, MICHAEL, US
[71] HUNTER DOUGLAS INC., US
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[41] 2018-08-06
[30] US (62/455,366) 2017-02-06
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[25] EN
[54] **INVERTER DEVICE AND OUTDOOR UNIT OF HEAT PUMP DEVICE**
[54] **DISPOSITIF INVERSEUR ET MODULE EXTERIEUR DE DISPOSITIF DE THERMOPOMPE**
[72] YAGI, SATOSHI, JP
[72] HIRAHARA, KAZUYA, JP
[72] OSHIMI, DAISUKE, JP
[71] DAIKIN INDUSTRIES, LTD., JP
[22] 2018-02-02
[41] 2018-08-08
[30] JP (2017-021004) 2017-02-08

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[25] EN
[54] **CONTROL CIRCUITS FOR SELF-POWERED SWITCHES AND RELATED METHODS OF OPERATION**
[54] **CIRCUITS DE COMMANDE D'INTERRUPTEURS AUTONOMES ET METHODES DE FONCTIONNEMENT ASSOCIEES**
[72] ZHANG, HARRY, CN
[72] YANG, ANDREW, CN
[72] ZHUANG, ALEX, CN
[72] ZHANG, GEORGE, CN
[72] XIONG, TOM, CN
[72] LACEY, DARRON KIRBY, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-02-05
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[25] EN
[54] **SELF-POWERED SWITCHES AND RELATED METHODS**
[54] **INTERRUPTEURS AUTONOMES ET METHODES ASSOCIEES**
[72] ZHUANG, ALEX, CN
[72] ZHANG, GEORGE, CN
[72] GOUHL, ERIK JEFFREY, US
[72] ZHANG, HARRY, CN
[72] LACEY, DARRON KIRBY, US
[72] XIONG,TOM, CN
[72] YANG, ANDREW, CN
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-02-05
[41] 2018-08-08
[30] US (15/427814) 2017-02-08

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/01 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **ESTIMATION OF TISSUE THICKNESS**
[54] **ESTIMATION DE L'EPAISSEUR DES TISSUS**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-02-05
[41] 2018-08-10
[30] US (62/457,266) 2017-02-10
[30] US (15/868,297) 2018-01-11

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[13] A1
[51] **Int.Cl. C08J 7/04 (2006.01) C08J 3/12 (2006.01) C08J 3/20 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A PLASTIC COMPOSITION**
[54] **METHODE DE FABRICATION D'UNE COMPOSITION DE PLASTIQUE**
[72] VILKKI, MARKKU, FI
[71] CONENOR OY, FI
[71] VILKKI, MARKKU, FI
[22] 2018-02-05
[41] 2018-08-10
[30] EP (17155520.4) 2017-02-10

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[13] A1
[51] **Int.Cl. B60C 11/14 (2006.01)**
[25] EN
[54] **TIRE WITH RETRACTABLE STUDS**
[54] **PNEU EQUIPE DE CLOUS RETRACTABLES**
[72] MIERINS, JEFF, CA
[71] MIERINS, JEFF, CA
[22] 2018-02-06
[41] 2018-08-06
[30] US (62/455,336) 2017-02-06

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[13] A1
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 17/02 (2006.01) E21B 33/03 (2006.01) E21B 34/02 (2006.01)**
[25] EN
[54] **FLUID CONNECTOR FOR MULTI-WELL OPERATIONS**
[54] **CONNECTEUR DE FLUIDE DESTINE A DES OPERATIONS MULTIPUITS**
[72] PENNEY, BRADLEY, CA
[72] ALLISON, BRIAN, CA
[71] MWFC INC., CA
[22] 2018-02-06
[41] 2018-08-06
[30] US (62/454,975) 2017-02-06

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[13] A1
[51] **Int.Cl. G01N 27/447 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR ELECTROPHORESIS**
[54] **UNE METHODE ET UN SYSTEME D'ELECTROPHORESE**
[72] CHADJAA, HASSAN, CA
[71] CHADJAA, HASSAN, CA
[22] 2018-02-05
[41] 2018-08-07
[30] US (62/455,765) 2017-02-07

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[13] A1
[51] **Int.Cl. E01B 29/24 (2006.01) E01B 31/00 (2006.01)**
[25] EN
[54] **SINGLE-PLANE MULTI-FUNCTIONAL RAILWAY COMPONENT HANDLING SYSTEM**
[54] **SYSTEME DE MANUTENTION DE COMPOSANTE DE CHEMIN DE FER MULTIFONCTIONNEL MONOPLAN**
[72] HAMILTON, WILLIAM MICHAEL, US
[72] KOCI, RYAN JAY, US
[72] TOMAC, JUSTIN WYNNE, US
[71] HAMILTON, WILLIAM MICHAEL, US
[71] KOCI, RYAN JAY, US
[71] TOMAC, JUSTIN WYNNE, US
[22] 2018-02-06
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[30] US (62/455931) 2017-02-07

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[51] **Int.Cl. E04D 13/04 (2006.01)**
[25] EN
[54] **HOOKING DRIP EDGE ASSEMBLY**
[54] **ACCOCHAGE D'ASSEMBLAGE DE LARMIER**
[72] BREDEWEG, MARK ALLEN, US
[72] RASMUSSEN, CRAIG SCOTT, US
[71] QUALITY EDGE, INC., US
[22] 2018-02-05
[41] 2018-08-06
[30] US (15/425,540) 2017-02-06

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[51] **Int.Cl. F25B 39/04 (2006.01) F28D 15/04 (2006.01) F28D 21/00 (2006.01)**
[25] EN
[54] **HEAT PIPE ANCHOR TUBES FOR HIGH SIDE HEAT EXCHANGERS**
[54] **TUBES D'ANCRAGE DE CALODUC DESTINE A DES ECHANGEURS THERMIQUES COTE HAUT**
[72] DELVENTURA, ROBERT, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-02-07
[41] 2018-08-09
[30] US (15/428,328) 2017-02-09

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[51] **Int.Cl. E03B 7/07 (2006.01)**
[25] EN
[54] **WATER FLOW CONTROL DEVICE**
[54] **DISPOSITIF DE CONTROLE DE DEBIT D'EAU**
[72] PIECZYNSKI, JOSEPH W., II, US
[72] MOORE, MILES, US
[72] HUDSON, JEB STUART, US
[71] FLOW STOP, LLC, US
[22] 2018-02-07
[41] 2018-08-10
[30] US (62/457,673) 2017-02-10
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[51] **Int.Cl. G01C 19/58 (2006.01)**
[25] EN
[54] **THERMAL GYROSCOPE**
[54] **GYROSCOPE THERMIQUE**
[72] BAHARI, JAMAL, CA
[72] MENON, CARLO, CA
[71] SIMON FRASER UNIVERSITY, CA
[22] 2018-02-07
[41] 2018-08-08
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[51] **Int.Cl. A61M 5/34 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **APPARATUS FOR SAFELY DETACHING A HYPODERMIC NEEDLE FROM A SYRINGE**
[54] **APPAREIL DE DETACHEMENT SECURITAIRE D'UNE AIGUILLE HYPODERMIQUE D'UNE SERINGUE**
[72] SUBHASH, RAJPAL, CA
[71] SUBHASH, RAJPAL, CA
[22] 2018-02-07
[41] 2018-08-08
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[51] **Int.Cl. B65D 5/20 (2006.01) B65D 5/30 (2006.01) B65D 5/42 (2006.01) B65D 5/44 (2006.01)**
[25] EN
[54] **PACKAGE ASSEMBLY WITH REINFORCED CORNERS**
[54] **ASSEMBLAGE D'EMBALLAGE A COINS RENFORCES**
[72] PARTRIDGE, THOMAS MURDOCK, US
[71] DELKOR SYSTEMS, INC., US
[22] 2018-02-07
[41] 2018-08-10
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[51] **Int.Cl. E05F 15/668 (2015.01)**
[25] EN
[54] **SECURITY-ENHANCED GARAGE DOOR OPENER SYSTEM**
[54] **SYSTEME D'OUVRE-PORTE DE GARAGE A SECURITE AMELIOREE**
[72] TSUI, PHILIP Y.W., CN
[72] TSUI, GALLEN K.L., CA
[71] TSUI, PHILIP Y.W., CN
[71] TSUI, GALLEN K.L., CA
[22] 2018-02-08
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/4706 (2006.01) A61K 31/519 (2006.01) A61K 31/635 (2006.01) A61P 19/02 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **ANTI-TNF ANTIBODIES, COMPOSITIONS, AND METHODS FOR THE TREATMENT OF ACTIVE ANKYLOSING SPONDYLITIS**
[54] **ANTICORPS ANTI-TNF, COMPOSITIONS ET METHODES DE TRAITEMENT DE SPONDYLARTHRITE ANKYLOSANTE ACTIVE**
[72] HARRISON, DIANE D., US
[72] HSIA, ELIZABETH C., US
[72] KIM, LEE-LIAN, US
[72] HUNG, KIM, US
[71] JANSSEN BIOTECH, INC., US
[22] 2018-02-06
[41] 2018-08-07
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[51] **Int.Cl. A61M 21/00 (2006.01) A61K 9/72 (2006.01) A61K 36/00 (2006.01) A61M 11/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR VAPORIZING PHYTO MATERIAL**
[54] **METHODE ET APPAREIL DE VAPORISATION DE PHYTOMATERIAU**
[72] TRZECIESKI, MICHAEL ALEXANDER, CA
[71] TRZECIESKI, MICHAEL ALEXANDER, CA
[22] 2018-02-06
[41] 2018-08-06
[30] US (62/455,174) 2017-02-06
[30] US (62/460,875) 2017-02-20
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[51] **Int.Cl. B32B 15/08 (2006.01) E06B 9/26 (2006.01)**
[25] EN
[54] **ROOM DARKENING MATERIAL AND ARCHITECTURAL COVERING MADE FROM SAME**
[54] **MATERIAU D'OBSCURCISSEMENT DE PIECE ET REVETEMENT ARCHITECTURAL FAIT DUDIT MATERIAU**
[72] SWISZCZ, PAUL G., US
[72] DANN, KEVIN, US
[72] SIEBENALLER, MIKE, US
[71] HUNTER DOUGLAS INC., US
[22] 2018-02-06
[41] 2018-08-06
[30] US (62/455,189) 2017-02-06

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[13] A1
[51] **Int.Cl. A47B 31/00 (2006.01) A47G 23/04 (2006.01) A47J 39/00 (2006.01) F25D 3/08 (2006.01) F25D 23/02 (2006.01)**
[25] EN
[54] **INSULATED TRANSPORT CABINETS FOR FOOD AND THE LIKE**
[54] **ARMOIRES DE TRANSPORT ISOLEES DESTINEES AUX ALIMENTS ET AUTRES SEMBLABLES**
[72] OLSON, JEFFREY C., US
[72] ROBINSON, TODD, US
[71] INTERMETRO INDUSTRIES CORPORATION, US
[22] 2018-02-06
[41] 2018-08-08
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[51] **Int.Cl. A61M 5/19 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **COMPRESSION SEAL FOR USE WITH A LIQUID COMPONENT STORAGE VIAL OF AN AUTO-INJECTOR**
[54] **JOINT DE COMPRESSION DESTINE A UNE UTILISATION AVEC UNE FIOLE D'ENTREPOSAGE DE COMPOSANTE LIQUIDE D'UN AUTOINJECTEUR**
[72] STANDLEY, ADAM, US
[72] CONSTANTINEAU, COLE, US
[72] STEPANIAN, CHRISTOPHER, US
[72] BUCHINE, BRENT, US
[72] CHAGNON, JEFFERY THOMAS, US
[71] WINDGAP MEDICAL, INC., US
[22] 2018-02-08
[41] 2018-08-09
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[51] **Int.Cl. E02B 3/20 (2006.01) B67D 9/00 (2010.01) B63B 27/34 (2006.01) B65G 67/60 (2006.01) F17D 1/08 (2006.01)**
[25] EN
[54] **LNG TERMINAL**
[54] **TERMINAL DE GNL**
[72] CHONG, WEN SIN, SG
[72] KIANG, EIO CHENG, SG
[72] BEDI, RATNESH, SG
[72] RUILOVA VIDAL, CHRISTIAN FELIPE, CA
[71] PACIFIC OIL & GAS LIMITED, CN
[22] 2018-02-08
[41] 2018-08-08
[30] SG (10201700991R) 2017-02-08

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[13] A1
[51] **Int.Cl. C08G 77/46 (2006.01) C08L 83/12 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING HYDROSILYLABLE POLYOXYALKYLENE ETHERS**
[54] **PROCEDE DE PRODUCTION D'ETHERS POLYOXYALKYLENES HYDROSILYLABLES**
[72] LOBERT, MATTHIAS, DE
[72] ZELLMER, VOLKER, DE
[72] BROSGEN, ANJA, DE
[72] REIBOLD, THOMAS, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2018-02-08
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[30] EP (17155523.8) 2017-02-10

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[13] A1
[51] **Int.Cl. A41B 13/06 (2006.01) A41D 1/215 (2018.01) A41B 13/00 (2006.01) A41D 1/22 (2018.01) A41D 3/00 (2006.01) A47D 15/00 (2006.01)**
[25] EN
[54] **MULTIPURPOSE COVER FOR SHIELDING A CHILD FROM ENVIRONMENTAL ELEMENTS AND METHOD OF USING SAME**
[54] **RECOUVREMENT POLYVALENT SERVANT A PROTEGER UN ENFANT DES ELEMENTS ENVIRONNEMENTAUX ET METHODE D'UTILISATION ASSOCIEE**
[72] WINFIELD KMIEC, EVANGELINE, CA
[71] LOVE MY LIFE BOUTIQUE INC., CA
[22] 2018-02-09
[41] 2018-08-10
[30] CA (2,957,565) 2017-02-10
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[51] **Int.Cl. F41B 5/10 (2006.01) F41B 5/14 (2006.01) F41B 5/18 (2006.01)**
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[54] **ARCHERY BOW WITH PASS THROUGH CABLING**
[54] **ARC DOTE DE CABLAGE TRAVERSANT**
[72] MCPHERSON, MATHEW A., US
[71] MCP IP, LLC, US
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[54] **APPAREIL DE POIDS DESTINE A L'EQUIPEMENT DE SPORT**
[72] PANOZZO, SCOTT A., US
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[54] **OUTIL ET PROCEDE POUR UN REFROIDISSEMENT ACTIF DES APPAREILS ELECTRONIQUES DE FOND DE PUITS**
[72] KUSMER, DANIEL PHILIP, US
[72] WOLK, NICOLAS ALEJANDRO, US
[71] VIERKO ENTERPRISES, LLC, US
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[54] **INTERNAL COMBUSTION ENGINE AND METHOD FOR CONTROLLING INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE ET PROCEDE PERMETTANT DE COMMANDER LE MOTEUR A COMBUSTION INTERNE**
[72] SAITOH, HIROTAKA, JP
[72] NISHIOKA, HIROMASA, JP
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[54] **METHODE DE TRAITEMENT DE L'EAU PAR FRACTIONNEMENT DE MOUSSE**
[72] PAPROSKI, RICHARD, CA
[72] ZUBOT, WARREN, CA
[72] YUAN, SIMON, CA
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[54] **CARTE DE SOUHAITS AVEC BALLON**
[72] GIAMMARRESI, IGNAZIO, CA
[72] DOMENICHIELLO, PIETRO, CA
[72] DODARO, CARMINE F., CA
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[54] **MACHINE DE TRAITEMENT DE MATERIAU AVEC UN SYSTEME DE COLORIEUR ET PROCEDES DE REDUCTION ET DE COLORISATION DES DECHETS**
[72] KIMBELL, KYLE DOUGLAS, US
[72] CROSS, CHAD DALE, US
[71] SMORACY, LLC, US
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[54] **OPTIMISATION DE L'EXTRACTION DES SABLES BITUMINEUX FONDEE SUR L'HYDROPHOBICITE DES SOLIDES DE MINERAI**
[72] LONG, JUN, CA
[72] HOSKINS, SHANE, CA
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[54] **SYSTEME ET PROCEDE DE MARQUAGE A LA PEINTURE THERMOPLASTIQUE**
[72] WILKENS, JEFFREY ARNOLD, US
[72] MARTHE, TIMOTHY JOHN, US
[72] GONITZKE, JONATHAN ROBERT, US
[72] SPIELMAN, JAMES PETER, US
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[54] **APPAREIL, PROCEDES ET SYSTEMES DE DISTRIBUTION POUR LE COMMERCE ELECTRONIQUE**
[72] MELVILLE, MALCOLM, GB
[72] PULLAN, MARK, GB
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
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[54] **APPAREIL DE DISTRIBUTION D'AGENT D'EXTINCTION D'INCENDIE ET SYSTEME ET PROCEDE D'UTILISATION DE CELUI-CI**
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[54] **SYSTEM AND METHOD FOR MEASURING GRAIN CART WEIGHT**
[54] **SYSTEME ET METHODE DE MESURE DU POIDS D'UN CHARIOT DE GRAINS**
[72] MEIER, IAN ROBERT, CA
[72] LOCKERBIE, MICHAEL DAVID, CA
[71] BITSTRATA SYSTEMS INC., CA
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[54] **PRESSURE-FIT GRINDING PAD ASSEMBLY AND METHOD OF CONSTRUCTION**
[54] **TAMPON DE PONCAGE INSTALLE PAR PRESSION ET METHODE DE CONSTRUCTION**
[72] LAFOREST, LUC, CA
[72] FRECHETTE, MARIO, CA
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[54] **CONDENSEUR DESTINE A UN DESHUMIDIFICATEUR PORTATIF**
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] HENRY, JOSHUA WILLIAM, US
[72] SCHARPING, JAMES A, JR., US
[72] VERHOEVEN, JEROME, US
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[54] **SYSTEMES D'ULTRASON ET METHODES SERVANT A OPTIMISER PLUSIEURS PARAMETRES D'IMAGERIE AU MOYEN D'UNE SEULE COMMANDE D'INTERFACE UTILISATEUR**
[72] PELISSIER, LAURENT, CA
[72] HANSEN, TREVOR STEPHEN, CA
[72] KERBY, BENJAMIN ERIC, CA
[72] DICKIE, KRIS, CA
[72] UNIYAL, NISHANT, CA
[72] AFSHAM, NARGES, CA
[72] WILLIS, DAVID GLENN, US
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[72] SCHULTE, MICHAEL, DE
[72] RABAUSCH, ULRICH, DE
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[54] **REVETEMENTS ELASTOMERES**
[72] FERRARI, LORENZO P. (DECEASED), ZZ
[72] ADKINSON, DANA K., CA
[72] YANG, JUN, CA
[72] YU, BINYU, CA
[72] PALIY, MAXIM, CA
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[54] **CLAPET ANTIRETOUR ET DISPOSITIF D'EXTERMINATION DE RATS COMBINES**
[72] DAMGAARD JENSEN, KARL JOHAN, DK
[71] DAMGAARD JENSEN, KAREN ELISABETH, CA
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[54] **PROCEDES D'EXTENSION DE CAPACITE DE REPLICATION DE CELLULES SOMATIQUES PENDANT UN PROCESSUS DE CULTURE EX VIVO**
[72] GENOVESE, NICHOLAS, US
[72] DESMET, DANIELLE NICOLE, US
[72] SCHULZE, ERIC, US
[71] MEMPHIS MEATS, INC., US
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[71] TACONOVA GROUP AG, CH
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[54] **SYSTEME DE TRAITEMENT DE PLAIES**
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[71] LOHMANN & RAUSCHER GMBH, AT
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[54] **ROBUST DEVICE FOR SPREADING SAND AT PREDETERMINED DIMENSIONS AND FOR MOUNTING DUCTS IN A SEWERAGE CHANNEL**
[54] **DISPOSITIF RESISTANT POUR LE SABLAGE AU NIVEAU DE DIMENSIONS PREDETERMINEES ET POUR LE PLACEMENT DE CONDUITES DANS UNE CANALISATION D'EGOUTS**
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[54] **PROCEDES DE MODULATION DE REPONSES IMMUNITAIRES ET INFLAMMATOIRES PAR LE BIAIS DE L'ADMINISTRATION D'UNE BIOMASSE ALGALE**
[72] DAHL, ANDREW A., US
[72] STEFFEK, AMY E., US
[71] ZIVO BIOSCIENCE, INC., US
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[54] **AGENCEMENT DE CATHODE, CELLULE D'ENERGIE COMPRENANT CELUI-CI, PROCEDE DE FABRICATION DE L'AGENCEMENT DE CATHODE, ET AGENCEMENT PERMETTANT DE TRAITER L'HYDROGENE GAZEUX**
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[54] **DISPOSITIF DE MAINTIEN ET/OU DE PROTECTION DE DOIGTS OU D'ORTEILS**
[72] SIVY, YANN, FR
[72] BLOEDT, LAURENT, FR
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[54] **SYSTEME DE GUIDAGE POUR REMPLACEMENT DE LA HANCHE ET PROCEDE ASSOCIE**
[72] VAN DER WALT, NICHOLAS, US
[72] NIELSEN, JONATHAN, US
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[54] **ATTACHE AUTOBLOQUANTE REVETUE D'ELASTOMERE**
[72] KING, CREIGHTON, US
[71] LOCK RIGHT LLC, US
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[71] LIGHTWAVERF TECHNOLOGY LIMITED, GB
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[54] **PROCEDE ET DISPOSITIF DE PIEGEAGE DES ACARIENS**
[72] MAILLEUX, ANNE-CATHERINE, BE
[71] DOMOBIOS, BE
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[72] ROBERTS, JOHN, US
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[54] **SYSTEME D'EMBALLAGE POUR CONTENANT A ATMOSPHERE MODIFIEE**
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[72] ROBERTS, JOHN, US
[72] THOMPSON, PAUL, US
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[72] GOOTENBERG, JONATHAN S., US
[72] ABUDAYYEH, OMAR O., US
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[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[71] SKOLKOVO INSTITUTE OF SCIENCE AND TECHNOLOGY (SKOLTECH), RU
[71] KOONIN, EUGENE, US
[71] ZHANG, FENG, US
[71] WOLF, YURI I., US
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[71] MINAKHIN, LEONID, US
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[54] **VACCINS VECTORISES A ADENOVIRUS RECOMBINANTS CONTRE LE VIRUS DE LA FIEVRE APHTEUSE (FMDV) ET UTILISATIONS CORRESPONDANTES**
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[72] WOODYWARD, LESZLIE, US
[72] SIGER, LEONARDO, US
[72] ETTYREDDY, DAMODAR, US
[72] GALL, JASON, US
[72] MCVEY, DUNCAN, US
[72] BURRAGE, TOM, US
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[71] GENVEC, INC., US
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[72] IRWIN, WILLIAM JAMES, GB
[72] CANNING, WILLIAM ALEXANDER, GB
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[54] **DISPOSITIF DE BROSSAGE DES DENTS**
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[72] KEINER, MICHAEL ERICH, DE
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[54] **ENSEMBLE PHOTOVOLTAIQUE**
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[72] LIANG, RONGXIN, CN
[72] REN, PENG, CN
[72] TANG, WENQIANG, CN
[72] NAN, SHUGONG, CN
[72] LIU, XIA, CN
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[72] ZHAO, JIANG, CN
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[72] WU, YUAN BAI, CN
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[54] **NOUVEAU DERIVE D'IMIDAZOLE PRESENTANT UNE ACTIVITE INHIBITRICE DE LA JNK ET SON UTILISATION**
[72] HAH, JUNG-MI, KR
[72] YANG, SONG I, KR
[72] LEE, JUNG HUN, KR
[71] SAMJIN PHARMACEUTICAL CO., LTD., KR
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[54] **ACTIONNEUR DE VERIN MOTORISE ASSISTE PAR PRESSION POUR DISPOSITIF DE COMMANDE DE PRESSION DE PUITS**
[72] DEUL, HANS H., J., US
[72] O'NEILL, PATRICK, US
[72] VAN KUILENBURG, ROBERT, US
[72] SIBREL, MATTHEW, US
[72] IANKOV, LVAN, US
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[54] **ISOLAT DE PROTEINE D'□UF DESAROMATISE, PRODUITS REALISES A L'AIDE DES ISOLATS DE PROTEINE**
[72] CEPEDA JIMENEZ, JIHAN, US
[72] MCKIBBIN, MINDI, US
[71] REMBRANDT ENTERPRISES, INC., US
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[54] **DISPLAY FOR THREE-DIMENSIONAL IMAGE**
[54] **AFFICHAGE POUR IMAGE TRIDIMENSIONNELLE**
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
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[54] **CONCEPTIONS DE CHAMBRE DE COMPOSE D'ENROBAGE POUR CONNECTEURS ELECTRIQUES**
[72] CHENEY, ERIC PERRY, US
[72] TAYLOR, JESSE WADE, US
[72] LEDGERWOOD, ADAM DOUGLAS, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **COMPOSITIONS POLYMERES THERMOCONDUCTRICES CONTENANT DU NOIR DE CARBONE**
[72] VILLALPANDO-PAEZ, FEDERICO, US
[72] EID, GEORGE, US
[72] CHRISTOPHER, ALYSON M., US
[72] HAMPDEN-SMITH, MARK, US
[72] PIERRE, SANTIAGUE, BE
[72] THIELEN, ALAIN, BE
[72] CHEN, LIMENG, US
[72] KYRLIDIS, AGATHAGELOS, US
[72] MACKAY, BRUCE E., US
[71] CABOT CORPORATION, US
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[54] **ENSEMBLE REVETEMENT MURAL ET PLANCHER**
[72] JORDAN, ANDREW JONATHAN, US
[72] ZHU, HANPING, US
[72] ZHANG, YA, CN
[71] AMERICAN AQUAWOOD, INC., US
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[25] EN
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[54] **SYSTEME DE SOUPAPE DE COLLECTEUR DE CASSETTE CHIRURGICALE, SYSTEME ET PROCEDES ASSOCIES**
[72] ROSS, MARK W., US
[72] GERG, JAMES B., US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
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[54] **DISPOSITIF DE SORTIE ANTIPANIQUE AVEC POIGNEE DE PORTE**
[72] THOMPSON, DOUG, US
[72] CONNELL, MICHAEL, US
[72] BETTENCOURT, LUIS, US
[71] ASSA ABLOY ACCESSORIES AND DOOR CONTROLS GROUP, INC., US
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[30] US (62/288,779) 2016-01-29

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[54] **RACCORD ROTATIF AVEC RESEAU DE CAPTEURS INTEGRE**
[72] PETROU, ANTON A., US
[72] BUDZUS, CHRISTOPH, DE
[72] GULIANA, SARGON, US
[71] DEUBLIN COMPANY, US
[85] 2018-07-27
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[54] **SYSTEME DE COMMANDE D'ECLAIRAGE SUR EN CAS DE DEFAILLANCE**
[72] JAYAWARDENA, ADIKARAMGE ASIRI, US
[72] TANKSALE, SONAL SATISH, IN
[72] SHINDE, ABHAY RAOSAHEB, IN
[72] JAIN, ARPITA, IN
[72] PURKAIT, PULAK, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **BOULON D'ANCRAGE EXTENSIBLE AVEC INDICATEUR DE SERRAGE**
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[71] DSI UNDERGROUND IP HOLDINGS LUXEMBOURG SARL, LU
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[54] **METHOD AND APPARATUS FOR CONTROLLING MOTION IN A COUNTERBALANCING SYSTEM**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE MOUVEMENT DANS UN SYSTEME DE COMPENSATION DU POIDS**
[72] ANDERSON, GARRY, GB
[72] KOBISKE, MARK, US
[72] BACKMAN, JOHN, US
[72] BUTTE, ED, US
[71] MAGNETEK, INC., US
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[54] **EXPANSION ET DIFFERENCIATION DES CELLULES DE SUPPORT DE L'OREILLE INTERNE, ET METHODES D'UTILISATION DE CES DERNIERES**
[72] EDGE, ALBERT, US
[72] VENUTI, MICHAEL, US
[72] CECHOWICZ, AGNIESZKA, US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
[71] DECIBEL THERAPEUTICS, INC., US
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[54] **BAGUE D'ETANCHEITE ET ASSEMBLAGE DE CONDUITS INCLUANT CETTE BAGUE**
[72] IFTISSEN, GERARD, FR
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[54] **CONDIMENTS GRAS REDUITS, PROCEDES ET PRODUITS**
[72] ZHANG, WENBO, US
[72] MENG, YANG, US
[72] RATTES, CLAUDIO, US
[72] LOMBARDO, STEPHEN, US
[72] EMBUSCADO, MILDA, US
[71] MCCORMICK & COMPANY, INCORPORATED, US
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[54] **SYSTEME DE RACCORDEMENT EN CONTINUITE POUR ENVELOPPE DE RESTAURATION**
[72] KRIEGSTEIN, STEWART, US
[71] WARSTONE INNOVATIONS, LLC, US
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[54] **EVENT DE CAPILLAIRE D'AIR DESTINE A UN DISPOSITIF DE DOSAGE A ECOULEMENT LATERAL**
[72] HEAVNER, DAVID A., US
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US
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[54] **PRODUCTION DE CELLULOSE CRISTALLINE**
[72] MCALPINE, SEAN, CA
[72] NAKONESHNY, JORY, CA
[71] NANO-GREEN BIOREFINERIES INC., CA
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[54] **MODULATION DES RECEPTEURS COUPLES AUX PROTEINES G (RCPG) PAR LES IMIPRIDONES**
[72] ALLEN, JOSHUA E., US
[72] STOGNIEW, MARTIN, US
[72] PRABHU, VARUN VIJAY, US
[71] ONCOCEUTICS, INC., US
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[54] **MOLDING ROLL FOR MAKING PAPER PRODUCTS**
[54] **CYLINDRE DE MOULAGE DESTINE A LA FABRICATION DE PRODUITS DE PAPIER**
[72] BECK, DAVID A., US
[71] GPCP IP HOLDINGS LLC, US
[85] 2018-07-26
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[54] **APPARATUS FOR MONITORING, REGULATING, OR CONTROLLING FLUID FLOW**
[54] **APPAREIL DE CONTROLE, DE REGULATION OU DE COMMANDE D'ECOULEMENT DE FLUIDE**
[72] DALE, JAMES D., US
[72] FICHERA, STEPHEN L., US
[72] GRAY, LARRY, US
[72] KAMEN, DEAN, US
[72] LANIGAN, MATTHEW, US
[72] MORGAN, FREDERICK, US
[72] VAN DER MERWE, DIRK A., US
[72] YOO, BRIAN H., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[25] EN
[54] **USE OF HISTONE DEACETYLASE INHIBITORS FOR ENHANCING IMMUNOTHERAPIES**
[54] **UTILISATION D'INHIBITEURS D'HISTONE DESACETYLASE POUR AMELIORER DES IMMUNOTHERAPIES**
[72] PILI, ROBERTO, US
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
[85] 2018-07-27
[86] 2017-01-27 (PCT/US2017/015389)
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[25] EN
[54] **AUTOMATED IMAGE ANALYSIS TO ASSESS REPRODUCTIVE POTENTIAL OF HUMAN OOCYTES AND PRONUCLEAR EMBRYOS**
[54] **ANALYSE D'IMAGE AUTOMATISEE POUR EVALUER UN POTENTIEL DE REPRODUCTION D'OVOCYTES HUMAINS ET D'EMBRYONS PRONUCLEAIRES**
[72] LETTERIE, GERARD, US
[72] MACDONALD, ANDREW, US
[71] LETTERIE, GERARD, US
[71] MACDONALD, ANDREW, US
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[86] 2017-01-30 (PCT/US2017/015645)
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[54] **CHARBONS DE BIOMASSE POUR ANIMAUX**
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[72] BONTCHEV, RANKO PANAYOTOV, US
[72] KIM, HAN SUK, US
[72] BUTLER, GREG DEAN, AU
[72] BUEGE, BRIAN, US
[72] MACKAY, JULIETTE, US
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[54] **MACHINE DE CRIBLAGE**
[72] SOMMAIN, ARNAUD, FR
[71] SUEZ GROUPE, FR
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[54] **PROTEINES DE LIAISON A L'ANTIGENE SE LIANT A PD-L1**
[72] ZHOU, HEYUE, US
[71] ZHOU, HEYUE, US
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[54] **DISPOSITIFS DE PERFUSION ACOUSTIQUE**
[72] LIPKENS, BART, US
[72] GILMANSHIN, RUDOLF, US
[72] PRESZ, WALTER M., JR., US
[72] MASI, LOUIS, US
[72] ROSS-JOHNSRUD, BENJAMIN, US
[72] MILLER, ERIK, US
[72] KENNEDY, THOMAS J., III, US
[71] FLODESIGN SONICS, INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR TRACKING OF FOOD INTAKE AND OTHER BEHAVIORS AND PROVIDING RELEVANT FEEDBACK**
[54] **PROCEDE ET APPAREIL DE SUIVI DE PRISE ALIMENTAIRE ET D'AUTRES COMPORTEMENTS ET DE FOURNITURE D'UN RETOUR D'INFORMATIONS PERTINENTES**
[72] MARIANETTI, RONALD, II, US
[72] VLEUGELS, KATELIJN, US
[71] SAVOR LABS, INC., US
[85] 2018-07-27
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[54] **DIFFERENCIATION DE NEURONES CORTICAUX A PARTIR DE CELLULES SOUCHES PLURIPOTENTES HUMAINES**
[72] QI, YUCHEN, US
[72] STUDER, LORENZ, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-07-27
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[54] **A WELL TRACTOR DRIVE SECTION WITH PAIRS OF DRIVE ARM BEARINGS MUTUALLY OPPOSITELY DISPLACED FROM THE CENTRE LINE**
[54] **SECTION D'ENTRAINEMENT DE TRACTEUR DE PUITS DOTEE DE PAIRES DE PALIERS DE BRAS D'ENTRAINEMENT MUTUELLEMENT DECALES DE LA LIGNE CENTRALE**
[72] ARMSTRONG, KENNY, NO
[71] C6 TECHNOLOGIES AS, NO
[85] 2018-07-27
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[54] **SOLID LAUNDRY DETERGENT FOR RESTAURANT SOILS**
[54] **DETERGENT SOLIDE POUR LESSIVE POUR SALISSURES DE RESTAURANT**
[72] MARTINEZ-CROWLEY, MELISSA, US
[72] BIGGS, JEFFREY JOHN, US
[72] SMITH, STEPHEN TODD, US
[72] BABCOCK, MEGHAN, US
[71] ECOLAB USA INC., US
[85] 2018-07-27
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[54] **DESIGNING PREFERRED VEHICLE ROUTES BASED ON DRIVING SCORES FROM OTHER VEHICLES**
[54] **CONCEPTION D'ITINERAIRES PREFERES POUR VEHICULES SUR LA BASE DE SCORES DE CONDUITE ISSUS D'AUTRES VEHICULES**
[72] FERGUSON, DANA, US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2018-07-27
[86] 2017-02-01 (PCT/US2017/015949)
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[25] EN
[54] **HAND DRYER AND DISPLAY**
[54] **SECHE-MAINS ET UNITE D'AFFICHAGE**
[72] JOLIN, BRIAN S., US
[72] SCANDINARO, DOMINIC J., US
[72] MICLEA, COSMIN D., US
[72] RUIZ, RENZO FRANCESCO GUILIANO, AW
[72] HERNANDEZ, KRISTINE M., US
[71] MODOCAST, LLC, US
[85] 2018-07-27
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[54] **PROTECTING NETWORK DEVICES BY A FIREWALL**
[54] **PROTECTION DE DISPOSITIFS RESEAU AU MOYEN D'UN PARE-FEU**
[72] GLAZEMAKERS, KURT, BE
[72] ALLANSSON, PER JOHAN, SE
[72] CELLERIER, THOMAS BRUNO EMMANUEL, SE
[72] VALIANOS, KOSMAS, SE
[72] WEBER, TOM VILJO, SE
[71] CRYPTZONE NORTH AMERICA, INC., US
[85] 2018-07-27
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[54] **PULVERIZER ATTACHMENT WITH TOOTH RAILS**
[54] **ACCESSOIRE PULVERISATEUR MUNI DE RAILS POUR DENTS**
[72] RAIHALA, DANIEL, US
[72] JOHNSON, ROGER, US
[71] GENESIS ATTACHMENTS, LLC, US
[85] 2018-07-27
[86] 2017-01-31 (PCT/US2017/015910)
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[54] **HARDWARE-TRUSTED NETWORK BEARERS IN NETWORK FUNCTION VIRTUALIZATION INFRASTRUCTURE (NFVI) SERVERS THAT EXECUTE VIRTUAL NETWORK FUNCTIONS (VNFS) UNDER MANAGEMENT AND ORCHESTRATION (MANO) CONTROL**
[54] **PORTEUSES DE RESEAU DE CONFIANCE DE MATERIEL DANS DES SERVEURS D'INFRASTRUCTURE DE VIRTUALISATION DE FONCTIONS DE RESEAU (NFVI) POUR EXECUTER DES FONCTIONS DE RESEAU VIRTUEL (VNFS) SOUS COMMANDE DE GESTION ET D'ORCHESTRATION (MANO)**
[72] MARQUARDT, RONALD R., US
[72] RAJAGOPAL, ARUN, US
[72] PACZKOWSKI, LYLE WALTER, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2018-07-27
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[54] **DEVICES AND METHODS FOR SUTURE PLACEMENT**
[54] **DISPOSITIFS ET PROCEDES POUR PLACEMENT DE SUTURE**
[72] KURD, MARK F., US
[72] ANDERSON, DAVID GREG, US
[72] SARABIA, JAIME E., US
[72] BUEHLMANN, ERIC, US
[72] TAPPER, JAY P., US
[72] JOHNSON, JENS, US
[72] LEE, ANN R., US
[72] UNRUH, CATHERINE MARGARET, US
[71] DURA TAP LLC, US
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[54] **WIRELESS RELAY BACKHAUL SELECTION IN A DATA COMMUNICATION NETWORK**
[54] **SELECTION DE RACCORDEMENT DE RELAIS SANS FIL DANS UN RESEAU DE COMMUNICATION DE DONNEES**
[72] FANG, ZHENG, US
[71] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2018-07-27
[86] 2017-02-02 (PCT/US2017/016137)
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[30] US (15/015,814) 2016-02-04

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[54] **DISPOSITIFS ET PROCEDES DE PLACEMENT DE SUTURE**
[72] KURD, MARK F., US
[72] ANDERSON, DAVID GREG, US
[72] SARABIA, JAIME E., US
[72] BUEHLMANN, ERIC, US
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[72] JOHNSON, JENS, US
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[72] UNRUH, CATHERINE MARGARET, US
[71] DURA TAP LLC, US
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[54] **SYSTEMS AND METHODS FOR CALIBRATING AN OPTICAL DISTANCE SENSOR**
[54] **SYSTEMES ET PROCEDES D'ETALONNAGE D'UN CAPTEUR DE DISTANCE OPTIQUE**
[72] PACALA, ANGUS, US
[72] FRICHTL, MARK, US
[71] OUSTER, INC., US
[85] 2018-07-27
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[54] **DEVICES AND METHODS FOR SUTURE PLACEMENT**
[54] **DISPOSITIFS ET PROCEDES DE PLACEMENT DE SUTURE**
[72] KURD, MARK F., US
[72] ANDERSON, DAVID GREG, US
[72] SARABIA, JAIME E., US
[72] BUEHLMANN, ERIC, US
[72] TAPPER, JAY P., US
[72] JOHNSON, JENS, US
[72] LEE, ANN R., US
[72] UNRUH, CATHERINE MARGARET, US
[71] DURA TAP LLC, US
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[54] **MEMBRANE IONOMERE BIPOLAIRE**
[72] TREGER, JACK, US
[71] CAMX POWER, L.L.C., US
[85] 2018-07-27
[86] 2017-02-03 (PCT/US2017/016538)
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[54] **DEVICES AND METHODS FOR SUTURE PLACEMENT**
[54] **DISPOSITIFS ET PROCEDES POUR PLACEMENT DE SUTURE**
[72] KURD, MARK F., US
[72] ANDERSON, DAVID GREG, US
[72] SARABIA, JAIME E., US
[72] BUEHLMANN, ERIC, US
[72] TAPPER, JAY P., US
[72] JOHNSON, JENS, US
[72] LEE, ANN R., US
[72] UNRUH, CATHERINE MARGARET, US
[71] DURA TAP LLC, US
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[25] EN
[54] **SOFTWARE-AS-A-SERVICE DEPLOYMENT OF PRINTER DRIVERS AND PRINTER PROFILES**
[54] **DEPLOIEMENT DE SERVICES SOUS FORME DE LOGICIELS, APPLIQUE A DES PILOTES D'IMPRIMANTE ET DES PROFILS D'IMPRIMANTE**
[72] TAYLOR, JARRETT DAVID, US
[72] WEDIG, RYAN GEORGE, US
[72] ERCANBRACK, COREY CLINT, US
[72] ANDERSON, DEVIN DERRELL, US
[71] PRINTERLOGIC, LLC, US
[85] 2018-07-27
[86] 2017-02-03 (PCT/US2017/016554)
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[30] US (62/291,475) 2016-02-04
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[25] EN
[54] **PROCESS OF UPGRADING LIGHT HYDROCARBONS AND OXYGENATES PRODUCED DURING CATALYTIC PYROLYSIS OF BIOMASS**
[54] **PROCEDE DE VALORISATION D'HYDROCARBURES LEGERS ET D'OXYGENATS PRODUITS PENDANT LA PYROLYSE CATALYTIQUE DE LA BIOMASSE**
[72] ENGELMAN, RICHARD A., US
[72] SANCHEZ, VICENTE, US
[71] INAERIS TECHNOLOGIES, LLC, US
[85] 2018-07-27
[86] 2016-11-23 (PCT/US2016/063674)
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[30] US (62/258,909) 2015-11-23
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[54] **ANCHOR SCREW WITH CONDENSING ATTRIBUTES**
[54] **VIS D'ANCRAGE AVEC ATTRIBUTS DE CONDENSATION**
[72] HUWAIS, SALAH, US
[71] HUWAIS IP HOLDING LLC, US
[85] 2018-07-27
[86] 2017-02-06 (PCT/US2017/016635)
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[54] **FLUID FILLED ELONGATE PRESSURE SENSOR**
[54] **CAPTEUR DE PRESSION ALLONGE REMPLI DE FLUIDE**
[72] SCHUMACHER, MARK STEPHEN, US
[71] ROSEMOUNT INC., US
[85] 2018-07-27
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[54] **LIQUID LAUNDRY DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT A LESSIVE LIQUIDE**
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] LA BEQUE, REGINE, BE
[72] SCHITTKO, STEFAN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **DRILLING MACHINE**
[54] **MACHINE DE FORAGE**
[72] SPATZ, EDWARD, US
[72] REESE, MICHAEL, US
[72] DUDLEY, JAMES, US
[71] EXTREME ROCK DESTRUCTION LLC, US
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[54] **OPTIMAL CLOSED-LOOP INPUT DESIGN FOR IDENTIFICATION OF FLAT SHEET PROCESS MODELS**
[54] **CONCEPTION D'ENTREE EN BOUCLE FERMEE OPTIMALE POUR L'IDENTIFICATION DE MODELES DE TRAITEMENT DE FEUILLE PLATE**
[72] LU, QIUGANG, US
[72] GOPALUNI, BHUSBAN, US
[72] FORBES, MICHAEL, US
[72] BACKSTROM, JOHAN, US
[72] DUMONT, GUY, US
[72] LOEWEN, PHILIP, US
[71] HONEYWELL LIMITED - HONEYWELL LIMITEE, CA
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[25] EN
[54] **IMPROVED BLOOD-BRAIN BARRIER ENDOTHELIAL CELLS DERIVED FROM PLURIPOTENT STEM CELLS FOR BLOOD-BRAIN BARRIER MODELS**
[54] **CELLULES ENDOTHELIALES DE BARRIERE HEMATOENCEPHALIQUE AMELIOREE DERIVEES DE CELLULES SOUCHES PLURIPOTENTES POUR MODELES DE BARRIERE HEMATOENCEPHALIQUE**
[72] PARK, TAE-EUN, US
[72] HERLAND, ANNA, US
[72] FITZGERALD, EDWARD ANTHONY, US
[72] INGBER, DONALD ELLIOT, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2018-07-27
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[54] **VELO DES NEIGES**
[72] ARCOUETTE, GAUTIER, CA
[71] SIQ MOUNTAIN INDUSTRIES INC., CA
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[30] CA (2,919,402) 2016-02-01

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[25] EN
[54] **DOOR ACTUATORS, INTEGRATED DOOR ACTUATOR AND METHOD OF OPERATING A DOOR ACTUATOR OF A TRANSIT VEHICLE**
[54] **ACTIONNEURS DE PORTE, ACTIONNEUR DE PORTE INTEGRE ET PROCEDE DE FONCTIONNEMENT D'UN ACTIONNEUR DE PORTE D'UN VEHICULE DE TRANSPORT**
[72] CARTIER, PAUL, CA
[72] DIONNE, JEAN-PAUL, CA
[72] DOUVILLE, XAVIER, CA
[72] DUBE, ERIC, CA
[71] TECHNOLOGIES LANKA INC., CA
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[54] **COMPOSES ACTIVANT NRF2 ET LEURS UTILISATIONS**
[72] DUNCTON, MATTHEW, US
[72] SINGH, RAJINDER, US
[71] RIGEL PHARMACEUTICALS, INC., US
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[54] **BIOPESTICIDES FOR POTATO LATE BLIGHT DISEASE**
[54] **BIOPESTICIDES CONTRE LA MALADIE DU MILDIOU DE LA POMME DE TERRE**
[72] BOYETCHKO, SUSAN, CA
[72] AUDY, PATRICE, CA
[72] SAWCHYN, KAREN, CA
[72] DESGAGNES, REJEAN, CA
[72] ZHOU, TING, CA
[72] DUMONCEAUX, TIM, CA
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[25] EN
[54] **CONTINUOUS FLOW DRYER HAVING AT LEAST TWO SECTIONS**
[54] **SECHEUR CONTINU COMPORTANT AU MOINS DEUX SECTIONS**
[72] LATEIN, TOBIAS, DE
[72] LAXHUBER, THOMAS CHRISTIAN, DE
[71] STELA LAXHUBER GMBH, DE
[85] 2018-07-30
[86] 2017-02-01 (PCT/DE2017/100064)
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[54] **ANTI-EXTRUSION SEAL ARRANGEMENT AND RAM-STYLE BLOWOUT PREVENTER**
[54] **AGENCEMENT DE JOINT ANTI-EXTRUSION ET BLOC OBTURATEUR DE PUITS DE TYPE A MACHOIRES**
[72] MCADAM, DAVID, CA
[72] MCADAM, BRIAN, CA
[72] ORR, JAMES, CA
[71] DRECO ENERGY SERVICES ULC, CA
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[54] **A MICROFLUIDIC ASSAY SYSTEM, A MICROFLUIDIC CARTRIDGE AND A METHOD OF PERFORMING AN ASSAY**
[54] **SYSTEME D'ESSAI MICROFLUIDIQUE, CARTOUCHE MICROFLUIDIQUE ET PROCEDE DE CONDUITE D'UN ESSAI**
[72] BAU-MADSEN, NIELS KRISTIAN, DK
[72] OVERBY, BENT, DK
[71] SCANDINAVIAN MICRO BIODEVICES APS, DK
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[54] **ENSEMBLE DE TRANSMISSION DE COUPLE**
[72] PIPER, ERIK, US
[72] CRIPSEY, TIMOTHY J., US
[71] METAL FORMING & COINING CORPORATION, US
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[54] **SEAL AND SACRIFICIAL COMPONENTS FOR A DRILL STRING**
[54] **JOINT ET COMPOSANTS SACRIFICIELS POUR UN TRAIN DE TIGES DE FORAGE**
[72] DERKACZ, PATRICK R., CA
[72] LOGAN, JUSTIN C., CA
[72] LOGAN, AARON W., CA
[72] FRANCOEUR, ANGELICA J.B., CA
[72] WACKETT, JASON B., CA
[72] NORMANDEAU, DANICK R. J., CA
[72] BERRY, RILEY J., CA
[71] EVOLUTION ENGINEERING INC., CA
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[54] **POMPE D'ARROSAGE INTELLIGENTE**
[72] GUNGL, JOHANNES, DE
[72] SOOR, FLORIAN, DE
[72] SCHABEL, THOMAS, DE
[72] LINK, JUERGEN, DE
[72] SCHWARZ, WOLFGANG, DE
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[54] **TECHNIQUES D'ECONOMIE D'ENERGIE POUR DES SYSTEME DE MEMOIRE**
[72] SUH, JUNGWON, US
[72] CHUN, DEXTER TAMIO, US
[72] LO, MICHAEL HAWJING, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-27
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[54] **FLUIDIZED BED APPARATUS AND METHOD FOR PARTICLE-COATING OR GRANULATING**
[54] **DISPOSITIF A LIT FLUIDISE ET PROCEDE DE REVETEMENT DE PARTICULES OU DE GRANULATION**
[72] LIU, YIMING, CN
[72] LU, HUIFEN, CN
[72] LIU, FEI, CN
[72] LIU, YITAO, CN
[72] CHEN, MIN, CN
[71] TIANJIN CENAX BIOTECHNOLOGY CO., LTD., CN
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[54] **SYSTEME INTELLIGENT D'ARROSAGE**
[72] GUNGL, JOHANNES, DE
[72] SOOR, FLORIAN, DE
[72] SCHNURLE, HORST, DE
[72] BOLLIGER, PHILIPP, CH
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[54] **APPARATUS FOR MOUNTING AN AIR DISC BRAKE ACTUATOR**
[54] **APPAREIL DE MONTAGE D'UN ACTIONNEUR DE FREIN A DISQUE PNEUMATIQUE**
[72] FULTON, R. SCOTT, US
[72] WITTLINGER, JEFFREY R., US
[72] RAMSEY, JOHN E., US
[72] HESTER, DONALD R., US
[72] NAPLES, BENEDETTO, US
[72] KARICH, MATTHEW, US
[71] HENDRICKSON USA, L.L.C., US
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[54] **MULTICOLOR DISPERSION AND MULTICOLOR COATING COMPOSITION FORMED THEREFROM**
[54] **DISPERSION MULTICOLORE ET COMPOSITION DE REVETEMENT MULTICOLORE FORMEE A PARTIR DE CELLE-CI**
[72] LIU, HUI, CN
[72] XU, JIANMING, CN
[72] WANG, YUJIANG, CN
[72] LAN, YUNFEI, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[25] EN
[54] **BRACKET FOR ANTI-LOCK BRAKING SYSTEM SENSOR**
[54] **SUPPORT POUR CAPTEUR DE SYSTEME ANTIBLOCAGE DES ROUES**
[72] BAUER, ERIC, US
[72] ROFE, RICHARD, US
[72] HANEY, JARED, US
[71] HENDRICKSON USA, L.L.C., US
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[54] **CHANNEL DETECTION APPARATUS AND METHOD, USER EQUIPMENT, AND BASE STATION**
[54] **APPAREIL ET PROCEDE DE DETECTION DE CANAL, EQUIPEMENT UTILISATEUR ET STATION DE BASE**
[72] HU, BINGSHAN, CN
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
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[54] **STRIP-SHAPED PLASTIC OBJECT**
[54] **OBJET EN PLASTIQUE DE FORME DE BANDE**
[72] GAHLEITNER, THOMAS, AT
[71] TEUFELBERGER GESELLSCHAFT M.B.H., AT
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[54] **ROCK BREAKING MECHANISM BY COMBINED PULSED JET AND MECHANICAL IMPACT**
[54] **MECANISME DE RUPTURE DE ROCHE COMBINE A CHOC MECANIQUE ET FLUX DE JET PULSE**
[72] JIANG, HONGXIANG, CN
[72] DU, CHANGLONG, CN
[72] LIU, SONGYONG, CN
[72] YANG, PEI, CN
[72] YANG, DAOLONG, CN
[72] HU, ZHENGWEI, CN
[72] GAO, KUIDONG, CN
[72] LI, HONGSHENG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **INTERACTIVE SYSTEM SETUP CONCEPT**
[54] **CONCEPT DE CONFIGURATION DE SYSTEME INTERACTIVE**
[72] VETTER, INGO, DE
[71] BRAUN GMBH, DE
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[25] EN
[54] **SUPPLY DEVICE FOR BEVERAGE-DISPENSING MACHINES**
[54] **APPAREIL RAPPORTE POUR DES DISTRIBUTEURS DE BOISSONS**
[72] TURI, MARIANO, CH
[72] VETTERLI, HEINZ, CH
[71] FRANKE KAFFEEMASCHINEN AG, CH
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[54] **PISTON FOR A ROTARY PISTON PUMP**
[54] **PISTON POUR POMPE ROTATIVE**
[72] HINNERS, THOMAS, DE
[71] HUGO VOGELSANG MASCHINENBAU GMBH, DE
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[54] **SELF-EMULSIFYING FAT COMPOSITION**
[54] **COMPOSITION DE GRAISSE AUTOEMULSIFIANTE**
[72] MA, JUN, NL
[72] VAN ROOIJEN, CHRISTIAAN, NL
[72] SMIT, HELEN CORNELIA, NL
[71] LODERS CROKLAAN B.V., NL
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[25] EN
[54] **WALL STRUCTURE**
[54] **STRUCTURE DE CLOISON**
[72] HALLFORS, SAMU, FI
[71] FRAMERY OY, FI
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[54] **TAP CONNECTOR WITH FLOW STABILIZATION**
[54] **RACCORD DE ROBINET A STABILISATION DE FLUX**
[72] RENNER, THOMAS, DE
[71] HUSQVARNA AB, SE
[85] 2018-07-30
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[30] DE (10 2016 004 809.3) 2016-04-21

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[54] **A COMPOSITION FOR AIR POLISHING**
[54] **COMPOSITION POUR L'AERO-POLISSAGE**
[72] MAURAT, VINCENT, FR
[72] PIGERON, CLEMENCE, FR
[71] PRODUITS DENTAIRES PIERRE ROLLAND, FR
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[54] **CONNECTION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE CONNEXION**
[72] TARISSAN, FABRICE, FR
[71] PARKER HANNIFIN MANUFACTURING FRANCE, FR
[85] 2018-07-30
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[54] **SCENE SECTION AND REGION OF INTEREST HANDLING IN VIDEO STREAMING**
[54] **GESTION DE LA SECTION DE SCENE ET DE LA REGION D'INTERET EN DIFFUSION VIDEO CONTINUE**
[72] SKUPIN, ROBERT, DE
[72] SANCHEZ, YAGO, DE
[72] SCHIERL, THOMAS, DE
[72] HELLGE, CORNELIUS, DE
[72] GRUNEBERG, KARSTEN, DE
[71] FRAUNHOFER-GELELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] FR
[54] **USE OF A CYCLODEXTRIN POLYCONDENSATE OR A COMPOSITION COMPRISING SUCH A POLYCONDENSATE, AS A CAPTURING AGENT**
[54] **UTILISATION D'UN POLYCONDENSAT DE CYCLODEXTRINE OU D'UNE COMPOSITION COMPRENANT UN TEL POLYCONDENSAT, COMME AGENT DE CAPTURE**
[72] DUVAL, BERTRAND, FR
[72] GRENARD, FABRICE, FR
[72] LOISEAU, JEAN-BAPTISTE, FR
[72] ROUGIER, BERNARD, FR
[71] DUVAL, BERTRAND, FR
[71] GRENARD, FABRICE, FR
[71] LOISEAU, JEAN-BAPTISTE, FR
[71] ROUGIER, BERNARD, FR
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[25] FR
[54] **DEFLECTOR FOR CONDENSATION HEAT EXCHANGER AND EXCHANGER PROVIDED WITH SUCH A DEFLECTOR**
[54] **DEFLECTEUR POUR ECHANGEUR DE CHALEUR A CONDENSATION ET ECHANGEUR MUNI D'UN TEL DEFLECTEUR**
[72] LE MER, JOSEPH, FR
[71] SERMETA, FR
[85] 2018-07-30
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[54] **SEGMENTED LINEAR ION TRAP FOR ENHANCED ION ACTIVATION AND STORAGE**
[54] **PIEGE A IONS LINEAIRE SEGMENTE POUR ACTIVATION ET STOCKAGE D'IONS AMELIORES**
[72] RAPTAKIS, EMMANUEL, GB
[72] PAPANASTASIOU, DIMITRIS, GR
[71] FASMATECH SCIENCE AND TECHNOLOGY LTD, GB
[85] 2018-07-30
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[54] **TB BIOMARKERS**
[54] **BIOMARQUEURS DE TB**
[72] KAMPMANN, BEATE, GB
[72] TOGUN, TOYIN, CA
[72] HOGGART, CLIVE JULIAN, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
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[54] **DEUTERATED DOMPERIDONE COMPOSITIONS AND METHODS FOR THERAPY OF DISORDERS**
[54] **COMPOSITIONS DE DOMPERIDONE DEUTEREE ET METHODES POUR LA THERAPIE DE TROUBLES**
[72] PEARCE, CATHERINE, US
[72] ISAACSOHN, JON, US
[72] PATEL, PIYUSH, US
[71] CINRX PHARMA, LLC, US
[85] 2018-07-27
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[51] **Int.Cl. A61K 47/69 (2017.01) C07K 1/13 (2006.01)**
[25] EN
[54] **EFFICIENT PROCESS FOR PREPARING CELL-BINDING AGENT-CYTOTOXIC AGENT CONJUGATES**
[54] **PROCEDE EFFICACE DE PREPARATION DE CONJUGUES AGENT DE LIAISON CELLULAIRE-AGENT CYTOTOXIQUE**
[72] LAI, KATHARINE C., US
[72] HERBST, ROBERT W., US
[72] HILDERBRAND, SCOTT ALAN, US
[71] IMMUNOGEN, INC., US
[85] 2018-07-27
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[54] **PROCEDES ET APPAREIL POUR DETECTER DES COMPOSES DANS DES LIQUIDES**
[72] LETOURNEAU, NICOLAS, US
[72] KHALIFA, ALY, US
[72] GORCZYNSKI, MICHAEL, US
[72] GOMES, CATHERINA, US
[72] SMITH, RONALD, US
[72] PALUSKIEWICZ, SARAH, US
[72] GRAY, STEPHEN, US
[72] CONFREY-MALONEY, TYLER, US
[71] UNDERCOVER COLORS, INC., US
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[25] EN
[54] **LOW POWER, HIGH RESOLUTION AUTOMATED METER READING, CENTRALIZED DATA COLLECTION, AND ANALYTICS**
[54] **LECTURE, COLLECTE DE DONNEES CENTRALISEES, ET ANALYSE D'APPAREILS DE MESURE AUTOMATISES A BASSE PUISSANCE ET A HAUTE RESOLUTION**
[72] ROSE, MATTHEW W., US
[72] BURNS, FRANK, US
[72] PETERSON, MATTHEW MAHER, US
[72] PECKHAM, CANYON DANIEL, US
[72] SIDERSKIY, VALENTIN, US
[72] HUMPHREY, DAVID ROYCE, US
[72] REMMERS, THOMAS, US
[71] APANA INC., US
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[25] EN
[54] **METHODS AND DEVICES FOR INSPECTION OF PIPELINES**
[54] **PROCEDES ET DISPOSITIFS POUR L'INSPECTION DE PIPELINES**
[72] KANNAJOSYULA, HARAPRASAD, US
[72] BONDURANT, PHILIP DEWAYNE, US
[72] MACTUTIS, ANTHONY, US
[71] QUEST INTEGRATED, LLC, US
[85] 2018-07-27
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[71] BIOSEPAR GESELLSCHAFT FUR MEDIZIN- UND LABORTECHNIK MBH, DE
[85] 2018-07-30
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[54] **SUPPORTING STRUCTURE**
[54] **STRUCTURE DE SUPPORT**
[72] LINON, RODOLPHE, FR
[71] LINON, RODOLPHE, FR
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[54] **METHOD FOR MONITORING THE VIBRATIONAL STATE OF A WIND TURBINE**
[54] **PROCEDE POUR SURVEILLER L'ETAT OSCILLATOIRE D'UNE EOLIENNE**
[72] FRANKE, JAN-BERND, DE
[72] KULSE, SEBASTIAN, DE
[71] INNOGY SE, DE
[85] 2018-07-30
[86] 2017-02-15 (PCT/EP2017/053426)
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[54] **BETA-LACTAMASE VARIANTS**
[54] **VARIANTES DE LA BETA-LACTAMASE**
[72] DE GUNZBURG, JEAN, GB
[72] DOCQUIER, JEAN-DENIS, IT
[71] DA VOLTERRA, FR
[71] BIOASTER, FR
[85] 2018-07-30
[86] 2017-02-22 (PCT/EP2017/053986)
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[25] EN
[54] **PREPARATION OF A CATALYTIC FABRIC FILTER WITH LOWER PRESSURE DROP**
[54] **PREPARATION D'UN FILTRE EN TEXTILE CATALYTIQUE AVEC DIMINUTION DE PRESSION INFERIEURE**
[72] CASTELLINO, FRANCESCO, DK
[72] KOLLIN, THOMAS HOLTEN, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2018-07-30
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[54] **HUMAN ANTIBODIES AND BINDING FRAGMENTS THEREOF TO TENASCIN**
[54] **ANTICORPS HUMAINS ET LEURS FRAGMENTS DE LIAISON A LA TENASCINE**
[72] HEXTALL, PATRICK, GB
[72] MIDWOOD, KIM SUZANNE, GB
[72] CULBERT, ERIC, GB
[71] NASCIENT LIMITED, GB
[85] 2018-07-30
[86] 2017-02-10 (PCT/EP2017/052974)
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[25] EN
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[54] **DISPOSITIF D'ISOLATION SISMIQUE DE STRUCTURES**
[72] STEFANI, FRANCO, IT
[72] CASSANI, STEFANO, IT
[71] MODULA S.P.A., IT
[85] 2018-07-30
[86] 2017-02-17 (PCT/IB2017/000126)
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[25] EN
[54] **AIRCRAFT COMPONENT AND GAS TURBINE ENGINE FOR AIRCRAFT**
[54] **ELEMENT D'AERONEF ET MOTEUR A TURBINE A GAZ POUR AERONEF**
[72] FUJISAWA, RYUTARO, JP
[72] ONISHI, TOMOYUKI, JP
[72] UETSUKI, YASUYUKI, JP
[72] HANADA, TADAYUKI, JP
[72] FUJIMOTO, YOHEI, JP
[72] OTA, TAKAFUMI, JP
[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP
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[54] **TRANSACTIONS TURING-COMPLET BASEES SUR AGENT INTEGRANT UNE RETROACTION DANS UN SYSTEME DE CHAINE DE BLOCS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-07-30
[86] 2017-02-14 (PCT/IB2017/050821)
[87] (WO2017/145006)
[30] GB (1603114.8) 2016-02-23
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[54] **HOLDING FIXTURE FIXING APPARATUS**
[54] **APPAREIL DE FIXATION D'UN APPAREIL DE MAINTIEN**
[72] HIRAI, MAKOTO, JP
[72] AZUMA, HIROKI, JP
[72] TAKAHAGI, MICHINOBU, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2018-07-30
[86] 2016-11-17 (PCT/JP2016/084047)
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[54] **MULTI-FUNCTION BIOPSY SAMPLING INSTRUMENT**
[54] **INSTRUMENT DE PRELEVEMENT DE BIOPSIE MULTIFONCTION**
[72] HOLZER, ATON M., IL
[71] HOLZER, ATON M., IL
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[25] EN
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[54] **COMPOSITION MICROBICIDE**
[72] YIN, BEI, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-07-30
[86] 2016-02-24 (PCT/US2016/019270)
[87] (WO2017/135976)
[30] US (15/016,686) 2016-02-05

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[51] **Int.Cl. B63J 99/00 (2009.01) B63H 21/14 (2006.01) B63H 21/17 (2006.01) B63H 21/20 (2006.01) B63J 3/02 (2006.01) H02J 3/24 (2006.01) H02J 3/38 (2006.01) H02J 3/46 (2006.01) H02P 9/04 (2006.01)**
[25] EN
[54] **POWER SYSTEM OF SHIP**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE D'UN NAVIRE**
[72] EZAKI, HIDEAKI, JP
[72] HAYASHI, MASATO, JP
[72] HAMAMATSU, MASANORI, JP
[72] BANDO, SOICHIRO, JP
[72] TOKUYAMA, KAZUMA, JP
[72] OHNO, TATSUYA, JP
[72] TAKEDA, KAZUYA, JP
[72] KUJIME, YASUNORI, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2018-07-30
[86] 2017-01-30 (PCT/JP2017/003237)
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[54] **ARTIFICIAL SINGLE GUIDE RNA AND USE THEREOF**
[54] **ARN GUIDE UNIQUE ARTIFICIEL ET SON UTILISATION**
[72] AOKI, ERIKO, JP
[72] OHGI, TADAAKI, JP
[72] KINOSHITA, TAKASHI, JP
[71] BONAC CORPORATION, JP
[85] 2018-07-30
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[54] **BLOCKCHAIN-BASED EXCHANGE WITH TOKENISATION**
[54] **ECHANGE BASE SUR UNE CHAINE DE BLOCS AVEC UNE SEGMENTATION EN UNITES**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-07-30
[86] 2017-02-14 (PCT/IB2017/050818)
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[30] GB (1603123.9) 2016-02-23
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[51] **Int.Cl. A01K 61/95 (2017.01) A01K 61/13 (2017.01)**
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[54] **DEVICE AND METHOD FOR RECORDING AND MONITORING HEALTH AND DEVELOPMENT IN LIVING FISH**
[54] **DISPOSITIF ET PROCEDE D'ENREGISTREMENT ET DE SUIVI DE LA SANTE ET DU DEVELOPPEMENT CHEZ DES POISSONS VIVANTS**
[72] SAUGEN, BERNT, NO
[72] IDSO, SVEIN TORE, NO
[72] HAUGE, GEIR STANG, NO
[71] BIOSORT AS, NO
[85] 2018-07-30
[86] 2017-02-08 (PCT/IB2017/050672)
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[54] **UNIVERSAL TOKENISATION SYSTEM FOR BLOCKCHAIN-BASED CRYPTOCURRENCIES**
[54] **SYSTEME UNIVERSEL DE SEGMENTATION EN JETONS POUR DES MONNAIES CRYPTOGRAPHIQUES A ENCHAINEMENT DE BLOCS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-07-30
[86] 2017-02-14 (PCT/IB2017/050819)
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[30] GB (1603125.4) 2016-02-23
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[25] EN
[54] **COCRYSTAL**
[54] **COCRISTAL**
[72] IWATA, KENTARO, JP
[72] IKEDA, YUKIHIRO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **COMPOSITION MICROBICIDE**
[72] YIN, BEI, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-07-30
[86] 2016-02-24 (PCT/US2016/019269)
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[30] US (15/016,685) 2016-02-05

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[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR SECURING COMPUTER SOFTWARE USING A DISTRIBUTED HASH TABLE AND A BLOCKCHAIN**
[54] **PROCEDE ET SYSTEME DE SECURISATION DE LOGICIEL INFORMATIQUE AU MOYEN D'UNE TABLE DE HACHAGE DISTRIBUEE ET D'UNE CHAINE DE BLOCS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-07-30
[86] 2017-02-14 (PCT/IB2017/050827)
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[25] EN
[54] **METHODS FOR USING FXR AGONISTS**
[54] **METHODES D'UTILISATION D'AGONISTES DE FXR**
[72] LAFFITTE, BRYAN, US
[72] BADMAN, MICHAEL, US
[72] CHEN, JIN, US
[72] LINDGREN, SAM, CH
[71] NOVARTIS AG, CH
[85] 2018-07-30
[86] 2017-02-20 (PCT/IB2017/050963)
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[30] US (62/298,121) 2016-02-22
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[25] EN
[54] **MEDIUM COMPOSITION FOR CRYOPRESERVATION OF CELL AND USE THEREOF**
[54] **COMPOSITION DE MILIEU DESTINEE A LA CRYOCONSERVATION DE CELLULES ET SON UTILISATION**
[72] HWANG, YU KYEONG, KR
[72] MIN, BOKYUNG, KR
[72] CHOI, HANA, KR
[72] KIM, HYOJIN, KR
[71] GREEN CROSS LAB CELL CORPORATION, KR
[85] 2018-07-30
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[54] **SAFETY SOCKET**
[54] **PRISE DE COURANT DE SECURITE**
[72] PER, HOPSO, NO
[71] HOME CONTOL, NO
[85] 2018-07-30
[86] 2017-02-03 (PCT/NO2017/050031)
[87] (WO2017/135829)
[30] NO (20160194) 2016-02-05

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[25] EN
[54] **ELECTRICAL FEEDTHROUGH FOR SUBSEA SUBMERSIBLE WELL PUMP IN CANISTER**
[54] **TRAVERSEE ELECTRIQUE POUR POMPE DE PUITS SOUS-MARINE SUBMERSIBLE DANS UNE CARTOUCHE**
[72] PORETTI, ARTURO L., US
[72] MARTINEZ, IGNACIO, US
[72] SEMPLE, RYAN, US
[72] CLINGMAN, JAMES C., US
[72] CRAIG, CHAD A., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-07-30
[86] 2016-12-16 (PCT/US2016/067354)
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[30] US (62/275,097) 2016-01-05
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[25] EN
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[54] **RACCORD A SERTIR AYANT UN OU PLUSIEURS ELEMENTS DE SERTISSAGE**
[72] LAWRENCE, BENJAMIN L., US
[72] BOBO, DAVID A., US
[72] MASON, CHRISTOPHER W., US
[72] YODER, KEITH W., US
[72] FRISCHE-MOURI, PAUL, US
[72] CAREY, JUSTIN J., US
[71] NIBCO INC., US
[85] 2018-07-30
[86] 2016-10-21 (PCT/US2016/058150)
[87] (WO2017/142601)
[30] US (62/296,406) 2016-02-17
[30] US (62/325,106) 2016-04-20
[30] US (15/284,923) 2016-10-04

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[25] EN
[54] **IMPROVED PRESSURE SENSITIVE ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES SENSIBLES A LA PRESSION AMELIOREES**
[72] ANTONY, PRINCE P., CA
[72] BARTUSIAK, JOSEPH T., US
[72] ROTHER, CHRISTOPHER J., US
[72] FORNEY, BRADLEY S., US
[72] BOLTON, JUSTIN M., US
[72] KUMAR, NISHANT C., US
[72] WEST, SHAUN M., US
[72] XIONG, DEAN, CA
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-30
[86] 2017-01-26 (PCT/US2017/015163)
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[30] US (62/289,673) 2016-02-01

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[25] EN
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[54] **DISPOSITIF DE DECONNEXION D'INTERRUPTEUR A FUSIBLE POUR SYSTEME D'ALIMENTATION ELECTRIQUE**
[72] SHEA, JOHN JOSEPH, US
[72] WANG, HONGBIN, US
[72] ROLLMANN, PAUL J., US
[72] DARR, MATTHEW RAIN, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2018-07-30
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[54] **OUTIL D'ENFONCEMENT D'ELEMENT DE FIXATION**
[72] MEYER, ROBERT J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-07-30
[86] 2017-01-10 (PCT/US2017/012837)
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[30] US (62/293,564) 2016-02-10
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[54] **AXIAL REINFORCEMENT SYSTEM FOR RESTORATIVE SHELL**
[54] **SYSTEME DE RENFORT AXIAL POUR COQUE DE RESTAURATION**
[72] KRIEGSTEIN, STEWART, US
[71] WARSTONE INNOVATIONS, LLC, US
[85] 2018-07-30
[86] 2017-01-17 (PCT/US2017/013686)
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[51] **Int.Cl. A61L 2/26 (2006.01) F26B 5/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LOADING A FLOOR LOADING STERILIZER**
[54] **PROCEDE ET APPAREIL POUR CHARGER UN STERILISATEUR A CHARGEMENT AU SOL**
[72] TURBETT, ROBERT E., US
[71] TURBETT SURGICAL, LLC, US
[85] 2018-07-30
[86] 2017-01-27 (PCT/US2017/015303)
[87] (WO2017/132488)
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[54] **RUGGEDIZED RADIO FREQUENCY IDENTIFICATION TAGS**
[54] **ETIQUETTES D'IDENTIFICATION PAR RADIOFREQUENCE RENFORCEES**
[72] PASCAL, KEVIN, US
[72] MOREHEAD, MASON, US
[72] UPSHUR, JAMES, US
[71] PARKER-HANNIFIN CORPORATION, US
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[86] 2017-01-20 (PCT/US2017/014265)
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[51] **Int.Cl. G09F 3/00 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **METHOD AND TOOL FOR IDENTIFYING AND CATEGORIZING DAMAGE FOR MOTOR VEHICLES**
[54] **PROCEDE ET OUTIL D'IDENTIFICATION ET DE CLASSEMENT DE DOMMAGES CAUSES A DES VEHICULES A MOTEUR**
[72] FORKUO, JUSTIN EARL, US
[71] 290 AUTO BODY INC., US
[85] 2018-07-30
[86] 2017-01-24 (PCT/US2017/014686)
[87] (WO2017/136184)
[30] US (62/289,496) 2016-02-01
[30] US (15/412,351) 2017-01-23

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[51] **Int.Cl. D03D 15/12 (2006.01) D01F 6/74 (2006.01)**
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[54] **FABRIC CONTAINING PBI-P FIBER**
[54] **TISSU CONTENANT DES FIBRES PBI-P**
[72] SHIELS, BRIAN P., US
[72] HESS, DIANE B., US
[72] LAWSON, WILLIAM L., US
[71] PBI PERFORMANCE PRODUCTS, INC., US
[85] 2018-07-30
[86] 2017-01-24 (PCT/US2017/014647)
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[30] US (62/292,496) 2016-02-08
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[25] EN
[54] **RPB7 NUCLEIC ACID MOLECULES TO CONTROL INSECT PESTS**
[54] **MOLECULES D'ACIDES NUCLEIQUES RPB7 PERMETTANT DE LUTTER CONTRE DES INSECTES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] WORDEN, SARAH E., US
[72] FREY, MEGHAN, US
[72] RANGASAMY, MURUGESAN, US
[72] GANDRA, PREMCHAND, US
[72] LO, WENDY, US
[72] FISHILEVICH, ELANE, US
[72] FISCHER, RAINER, DE
[72] VILCINSKAS, ANDREAS, DE
[72] KNORR, EILEEN, DE
[71] DOW AGROSCIENCES LLC, US
[71] FRAUNHOFER-GELELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG EV, DE
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[51] **Int.Cl. A23L 33/18 (2016.01) A23L 33/19 (2016.01) A23C 21/00 (2006.01) A23L 2/66 (2006.01)**
[25] EN
[54] **WHEY PROTEIN BASED LIQUID NUTRITIONAL COMPOSITION**
[54] **COMPOSITION NUTRITIONNELLE LIQUIDE A BASE DE PROTEINES DE LACTOSERUM**
[72] PONCE, RICHARD, US
[71] ABBOTT LABORATORIES, US
[85] 2018-07-30
[86] 2017-01-25 (PCT/US2017/014841)
[87] (WO2017/136197)
[30] US (62/291,963) 2016-02-05

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[51] **Int.Cl. F24F 3/16 (2006.01) B01D 46/00 (2006.01) F24F 11/00 (2018.01)**
[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR AIR FILTER MANAGEMENT**
[54] **SYSTEME, PROCEDE ET PRODUIT-PROGRAMME D'ORDINATEUR POUR LA GESTION DE FILTRE A AIR**
[72] KOHN, JOSHUA, CA
[72] RINGSTROM, RICHARD, SE
[71] CAMFIL AB, SE
[85] 2018-07-30
[86] 2017-02-22 (PCT/SE2017/050169)
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[30] SE (1650244-5) 2016-02-24

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[25] EN
[54] **USAGE DATA MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE DONNEES D'UTILISATION**
[72] CASTILLA, EDGAR, US
[72] BADGETT, REID, US
[72] YORKS, CHRISTOPHER, B., US
[71] SOUNDEXCHANGE, INC., US
[85] 2018-07-30
[86] 2017-01-31 (PCT/US2017/015794)
[87] (WO2017/139133)
[30] US (15/040,473) 2016-02-10

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[51] **Int.Cl. B01J 21/10 (2006.01) C01B 32/05 (2017.01) C01B 3/26 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCTION OF CARBON AND HYDROGEN FROM NATURAL GAS AND OTHER HYDROCARBONS**
[54] **PROCEDES DE PRODUCTION DE CARBONE ET D'HYDROGENE A PARTIR DE GAZ NATUREL ET D'AUTRES HYDROCARBURES**
[72] STILLER, ALFRED H., US
[71] WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION, US
[85] 2018-07-30
[86] 2017-01-25 (PCT/US2017/014955)
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[25] EN
[54] **MULTI-LAYER PHOTO DEFINABLE GLASS WITH INTEGRATED DEVICES**
[54] **VERRE PHOTODEFINISSABLE MULTICOUCHES COMPRENANT DES DISPOSITIFS INTEGRES**
[72] FLEMMING, JEB H., US
[72] BULLINGTON, JEFF, US
[71] 3D GLASS SOLUTIONS, INC., US
[85] 2018-07-30
[86] 2017-01-25 (PCT/US2017/014977)
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[25] EN
[54] **PRODUCT ALIGNMENT USING A PRINTED RELIEF**
[54] **ALIGNEMENT DE PRODUIT UTILISANT UN RELIEF IMPRIME**
[72] DANIELL, STEPHEN S., US
[72] SPIRO, STEVEN M., US
[72] LAU, DANIEL L., US
[71] TRACER IMAGING LLC, US
[85] 2018-07-30
[86] 2017-01-27 (PCT/US2017/015314)
[87] (WO2017/132496)
[30] US (62/288,234) 2016-01-28

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[51] **Int.Cl. C09D 175/04 (2006.01) C08L 75/04 (2006.01) C09D 5/14 (2006.01) C09K 13/00 (2006.01)**
[25] EN
[54] **ONE-STEP FLOOR FINISH**
[54] **ENDUIT DE SOL EN UNE ETAPE**
[72] PATEL, YAMINI D., US
[72] KINLIN, THOMAS E., US
[71] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2018-07-30
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[51] **Int.Cl. E21B 17/18 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **SECONDARY SLURRY FLOW PATH MEMBER WITH SHUT-OFF VALVE ACTIVATED BY DISSOLVABLE FLOW TUBES**
[54] **ELEMENT DE TRAJET D'ECOULEMENT DE BOUILLIE SECONDAIRE AVEC SOUPAPE D'ARRET ACTIVEE PAR DES TUBES D'ECOULEMENT POUVANT ETRE DISSOUS**
[72] FISHER, BRITAIN A., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-07-30
[86] 2017-02-01 (PCT/US2017/016001)
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[25] EN
[54] **WAVEGUIDE DESIGN FOR LINE SELECTION IN FIBER LASERS AND AMPLIFIERS**
[54] **CONCEPTION DE GUIDE D'ONDES POUR SELECTION DE LIGNE DANS DES AMPLIFICATEURS ET LASERS A FIBRE**
[72] PAX, PAUL H., US
[72] ALLEN, GRAHAM S., US
[72] DAWSON, JAY W., US
[72] DRACHENBERG, DERREK REGINALD, US
[72] KHITROV, VICTOR V., US
[72] MESSERLY, MICHAEL J., US
[72] SCHENKEL, NICK, US
[71] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
[85] 2018-07-30
[86] 2017-01-30 (PCT/US2017/015577)
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[25] EN
[54] **ANTI-WRINKLING TOOLING ASSEMBLY FOR A CAN BODYMAKER**
[54] **ENSEMBLE ANTI-PLISSEMENT POUR MACHINE A FORMER DES CORPS DE BOITES METALLIQUES**
[72] GOLDING, RICHARD MARK ORLANDO, US
[71] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2018-07-30
[86] 2017-02-02 (PCT/US2017/016181)
[87] (WO2017/136529)
[30] US (15/015,635) 2016-02-04

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[54] **UTILIZATION BASED CONTROL OF WIRELESS NETWORK SERVICES**
[54] **COMMANDE BASEE SUR L'UTILISATION, DE SERVICES DE RESEAU SANS FIL**
[72] LUMBATIS, KURT ALAN, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-07-30
[86] 2017-01-26 (PCT/US2017/015036)
[87] (WO2017/136211)
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[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **METHOD TO TREAT VASCULAR DYSFUNCTION THROUGH ENHANCED VASCULAR FLOW AND HEMODYNAMIC ACTIVATION OF THE AUTOCRINE AND PARACRINE PROCESSES**
[54] **PROCEDE DE TRAITEMENT DE DYSFONCTIONNEMENT VASCULAIRE PAR ECOULEMENT VASCULAIRE AMELIORE ET ACTIVATION HEMODYNAMIQUE DES PROCESSUS D'AUTOCRINE ET DE PARACRINE**
[72] OWEN, JOHN M., US
[71] OWEN, JOHN M., US
[85] 2018-07-30
[86] 2017-01-30 (PCT/US2017/015651)
[87] (WO2017/132677)
[30] US (15/010,750) 2016-01-29

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[51] **Int.Cl. B05B 1/20 (2006.01) B05B 1/16 (2006.01) A01K 13/00 (2006.01) A61D 11/00 (2006.01)**
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[54] **HANDHELD PET SPRAY WAND**
[54] **LANCE DE PULVERISATION PORTATIVE POUR ANIMAUX DOMESTIQUES**
[72] THURGOOD, JEFFREY, US
[71] WATER PIK, INC., US
[85] 2018-07-30
[86] 2017-02-01 (PCT/US2017/016105)
[87] (WO2017/136484)
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[51] **Int.Cl. B29B 11/00 (2006.01) B29B 11/08 (2006.01) B29B 11/14 (2006.01) B29C 49/48 (2006.01) B65D 1/02 (2006.01) B65D 41/04 (2006.01)**
[25] EN
[54] **PREFORM EXTENDED FINISH FOR PROCESSING LIGHT WEIGHT ECOLOGICALLY BENEFICIAL BOTTLES**
[54] **FINITION ETENDUE DE PREFORME POUR TRAITER DES BOUTEILLES RESPECTUEUSES DE L'ENVIRONNEMENT LEGERES**
[72] HANAN, JAY CLARKE, US
[71] NIAGARA BOTTLING, LLC, US
[71] HANAN, JAY CLARKE, US
[85] 2018-07-30
[86] 2017-02-02 (PCT/US2017/016269)
[87] (WO2017/136584)
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[51] **Int.Cl. G06F 17/17 (2006.01)**
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[54] **MODELING TRENDS IN CROP YIELDS**
[54] **MODELISATION DE TENDANCES DANS DES RENDEMENTS DE CULTURE**
[72] ALDOR-NOIMAN, SIVAN, US
[72] ANDREJKO, ERIK, US
[71] THE CLIMATE CORPORATION, US
[85] 2018-07-30
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[30] US (15/017,370) 2016-02-05

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[51] **Int.Cl. A61B 8/12 (2006.01) A61B 8/00 (2006.01)**
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[54] **OUTIL CHIRURGICAL AVEC CAPTEUR ULTRASONORE A CIRCUIT SOUPLE**
[72] JASPERSON, KEITH E., US
[72] CHRISTMANN, AARON H., US
[72] WEISENBERGER, MICHAEL R., US
[71] COVIDIEN LP, US
[85] 2018-07-30
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[87] (WO2017/155646)
[30] US (15/063,654) 2016-03-08

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[25] EN
[54] **MICROBICIDAL COMPOSITION**
[54] **COMPOSITION MICROBICIDE**
[72] YIN, BEI, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-07-30
[86] 2016-02-24 (PCT/US2016/019268)
[87] (WO2017/135974)
[30] US (15/016,684) 2016-02-05

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[25] EN
[54] **SYSTEMS AND METHODS OF DETERMINING CAUSES OF PERFORMANCE DEFICIENCIES OF VEHICLES**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER LES CAUSES DE PERFORMANCES INSUFFISANTES DE VEHICULES**
[72] WALKER, MARY AMELIA, US
[72] CATRON, ROBERT, US
[72] BROWN, D. BRADLEY, US
[71] FREEPORT-MCMORAN INC., US
[85] 2018-07-30
[86] 2017-02-08 (PCT/US2017/016966)
[87] (WO2017/139349)
[30] US (62/294,023) 2016-02-11
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[54] **TRAYS FOR THE TRANSPORT OF TUBES**
[54] **PLATEAUX POUR LE TRANSPORT DE TUBES**
[72] KENNEDY, JOHN FITZGERALD, II, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-30
[86] 2017-02-06 (PCT/US2017/016631)
[87] (WO2017/146893)
[30] US (15/051,339) 2016-02-23

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[25] EN
[54] **CONTROL PANELS FOR POWER SYSTEMS**
[54] **PANNEAUX DE COMMANDE POUR SYSTEMES D'ALIMENTATION**
[72] JOCHMAN, NATHAN JOE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-07-30
[86] 2017-02-28 (PCT/US2017/019870)
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[30] US (62/301,098) 2016-02-29

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[25] EN
[54] **FEMORAL ELEVATOR DEVICE**
[54] **DISPOSITIF D'ELEVATEUR FEMORAL**
[72] TERMANINI, ZAFER, US
[71] JOINT INNOVATION TECHNOLOGY LLC, US
[85] 2018-07-30
[86] 2017-02-10 (PCT/US2017/017447)
[87] (WO2017/142809)
[30] US (15/043,752) 2016-02-15

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[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/30 (2016.01) A61B 17/28 (2006.01)**
[25] EN
[54] **ROBOTIC SURGICAL SYSTEMS AND ROBOTIC ARMS THEREOF**
[54] **SYSTEMES CHIRURGICAUX ROBOTISES ET BRAS ROBOTISES CORRESPONDANTS**
[72] HAGN, ULRICH, DE
[71] COVIDIEN LP, US
[85] 2018-07-30
[86] 2017-02-24 (PCT/US2017/019241)
[87] (WO2017/147353)
[30] US (62/300,357) 2016-02-26

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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHOD FOR DEPLOYING SURGICAL SUTURE**
[54] **SYSTEMES ET PROCEDE DE DEPLOIEMENT DE SUTURE CHIRURGICALE**
[72] MIRAKI, MANOUCHEHR A., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-07-30
[86] 2017-03-02 (PCT/US2017/020484)
[87] (WO2017/151944)
[30] US (62/302,540) 2016-03-02
[30] US (15/445,574) 2017-02-28

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[51] **Int.Cl. A61B 34/30 (2016.01) A61B 18/00 (2006.01)**
[25] EN
[54] **ELECTROMECHANICAL SURGICAL SYSTEMS AND ROBOTIC SURGICAL INSTRUMENTS THEREOF**
[54] **SYSTEMES CHIRURGICAUX ELECTROMECANIQUES ET LEURS INSTRUMENTS CHIRURGICAUX ROBOTIQUES**
[72] KOPP, BROCK, US
[71] COVIDIEN LP, US
[85] 2018-07-30
[86] 2017-03-03 (PCT/US2017/020563)
[87] (WO2017/151993)
[30] US (62/303,695) 2016-03-04

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[25] EN
[54] **P27 TYROSINE PHOSPHORYLATION AS A MARKER OF CDK4 ACTIVITY AND METHODS OF USE THEREOF**
[54] **PHOSPHORYLATION DE LA TYROSINE P27 EN TANT QUE MARQUEUR DE L'ACTIVITE DE CDK4 ET PROCEDES D'UTILISATION ASSOCIES**
[72] BLAIN, STACY W., US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2018-07-30
[86] 2017-02-23 (PCT/US2017/019184)
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[30] US (62/298,584) 2016-02-23

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[51] **Int.Cl. A61G 5/04 (2013.01) A61G 5/10 (2006.01)**
[25] EN
[54] **ADJUSTABLE HEIGHT WHEELCHAIR**
[54] **FAUTEUIL ROULANT REGLABLE EN HAUTEUR**
[72] MULHERN, JAMES, US
[72] ANTONISHAK, STEPHEN J., US
[71] PRIDE MOBILITY PRODUCTS CORPORATION, US
[85] 2018-07-30
[86] 2017-02-27 (PCT/US2017/019645)
[87] (WO2017/147569)
[30] US (62/300,828) 2016-02-27
[30] US (62/301,357) 2016-02-29

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[13] A1
[51] **Int.Cl. H04L 25/49 (2006.01) H03K 5/153 (2006.01) H04L 25/02 (2006.01) H04L 25/03 (2006.01) H04L 25/14 (2006.01)**
[25] EN
[54] **INTELLIGENT EQUALIZATION FOR A THREE-TRANSMITTER MULTI-PHASE SYSTEM**
[54] **EGALISATION INTELLIGENTE POUR SYSTEME MULTIPHASE A TROIS EMETTEURS**
[72] LEE, CHULKYU, US
[72] CHOU, SHIH-WEI, US
[72] WILEY, GEORGE, US
[71] QUALCOMM INCORPORATED, US
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[54] **TECHNIQUES DE COUVERTURE DE CONNEXION DE CORDONS ELECTRIQUES**
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[72] ZAJESKI, ROBERT B., US
[72] ZAJESKI, BENJAMIN LYNCH, US
[71] MIDWEST INNOVATIVE PRODUCTS, LLC, US
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[54] **ROBOTIC SURGICAL ASSEMBLIES**
[54] **ENSEMBLES CHIRURGICAUX ROBOTIQUES**
[72] SEOW, CHI MIN, US
[72] KAPADIA, JAIMEEN, US
[72] MACLEOD, MARK, US
[72] ZEMLOK, MICHAEL, US
[71] COVIDIEN LP, US
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[54] **AGENCEMENT TABLE ET SIEGES**
[72] DICKEY, CHRISTOPHER C., US
[72] SVOBODNY, MONICA, US
[71] SICO INCORPORATED, US
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[54] **APPLICATEUR POUR PRODUIT D'HYGIENE FEMININE**
[72] CAMARGO-PARODI, GUSTAVO JOSE, US
[72] FERRER, JOHN, US
[72] GOODMAN, BENJAMIN PHILIP, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **MATRIX POWER AMPLIFIER**
[54] **AMPLIFICATEUR DE PUISSANCE MATRICIEL**
[72] VAN RAAY, ING. FRIEDBERT, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[72] WASSMER, MARTIN, CH
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[54] **NOUVEAUX INHIBITEURS DES CANAUX POTASSIQUES**
[72] SORENSEN, ULRIK SVANE, DK
[72] METE, ANTONIO, GB
[71] ACESION PHARMA APS, DK
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[54] **SYSTEM FOR SUPPLYING HYDRAULIC PRESSURE TO A BOLT ELONGATION TOOL**
[54] **SYSTEME PERMETTANT DE FOURNIR UNE PRESSION HYDRAULIQUE A UN OUTIL D'ALLONGEMENT DE BOULON**
[72] JOHST, KENNETH, DK
[72] JAGD, LARS, SE
[72] MARINITSCH, GERALD, AT
[71] ADMEDE AB, SE
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[54] **SYSTEME ET PROCEDE DE FABRICATION D'UN ELEMENT DE PALE D'EOLIENNE**
[72] NANDIPATI, SRIKANTH, IN
[72] BASHA, MOHAMMAD IMDAD, IN
[72] DHAS, ALEXIOUS ARULRAJ, IN
[72] BARSLEV, HENRIK, DK
[71] LM WP PATENT HOLDING A/S, DK
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[54] **OUTIL DE DENTISTERIE**
[72] BURKE, EDMUND, CH
[72] SOLLBERGER, DAVID, CH
[72] NUSSBAUMER, SILVIO, CH
[72] HOLST, STEFAN, CH
[72] GEISELHORINGER, HANS, CH
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[54] **DISPOSITIF DE REFROIDISSEMENT POUR UNE MACHINE ELECTRIQUE**
[72] DECAUX, STEPHANE, FR
[72] TAVERNIER, GUILLAUME, FR
[72] PARIS, FRANCOIS, FR
[71] NISSAN MOTOR CO., LTD., JP
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[54] **BUSE DE PULVERISATION DOUBLE COMMANDE AVEC TETE AMOVIBLE**
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[54] **ROUE DE VENTILATEUR ET VENTILATEUR L'UTILISANT**
[72] LIANG, XUEFEI, CN
[72] LIU, YI, CN
[72] ZHOU, JIAJIE, CN
[72] MAO, ZHONGQUN, CN
[72] ZHU, YONGDING, CN
[72] LIU, GE, CN
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[54] **ANTICORPS CONTRE LA THROMBINE, FRAGMENT DE LIAISON A L'ANTIGENE DE CE DERNIER ET UTILISATION PHARMACEUTIQUE DE CE DERNIER**
[72] YING, HUA, CN
[72] LIU, JIAJIAN, CN
[72] FU, YAYUAN, CN
[72] ZHANG, LING, CN
[72] ZHANG, HAOYING, CN
[72] SUN, JIAKANG, CN
[72] ZHANG, LIANSHAN, CN
[72] TAO, WEIKANG, CN
[72] SUN, PIAOYANG, CN
[72] HU, QIYUE, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
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[54] **MODULE DE DISSIPATION DE CHALEUR A REFROIDISSEMENT PAR LIQUIDE FACILEMENT FACONNE D'UNE LAMPE A DEL**
[72] WU, CHANJUAN, CN
[71] FUJIAN SANAN SINO-SCIENCE PHOTOBIOTECH CO., LTD, CN
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[54] **BRAKING DEVICE FOR A MOVABLE DOOR LEAF AND CORRESPONDING DOOR CLOSER**
[54] **DISPOSITIF DE FREINAGE D'UN BATTANT DE PORTE MOBILE ET DISPOSITIF DE FERMETURE DE PORTE CORRESPONDANT**
[72] HUCKER, MATTHIAS, DE
[71] GEZE GMBH, DE
[85] 2018-07-31
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[54] **LIGHT-STABLE HOP EXTRACT**
[54] **EXTRAIT DE HOUBLON STABLE A LA LUMIERE**
[72] BROUWER, ERIC RICHARD, NL
[72] DEKONINCK, TINNE, NL
[72] VANBENEDEN, NELE, NL
[72] VAN VEEN, MARCEL, NL
[72] SCHOUTEN, MARIA ELIZABETH WILHELMINA, NL
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[54] **STATION D'ACCUEIL POUR DISPOSITIF D'ALIMENTATION ENTERALE**
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[72] MAYNE, DONAL, IE
[72] KELLY, DAMIAN, IE
[71] ROCKFIELD MEDICAL DEVICES LIMITED, IE
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[54] **OPTIMIZED ORE PROCESSING USING MOLTEN SALTS FOR LEACHING AND THERMAL ENERGY SOURCE**
[54] **TRAITEMENT OPTIMISE DE MINERAI A L'AIDE DE SELS FONDUS POUR LA LIXIVIATION ET EN TANT QUE SOURCE D'ENERGIE THERMIQUE**
[72] JALBOUT, ABRAHAM FOUAD, US
[72] GODINEZ, ANDRES, MX
[72] GERVASIO, DOMINIC FRANCIS, US
[72] ELSENTRIECY, HASSAN H., US
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[71] METOXS PTE. LTD., SG
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[54] **ROULEAU DE SERTISSAGE**
[72] ESTEVE, EMILIEN, CH
[72] MARCHIONINI, YVES, CH
[72] VIGIER, PIERRE, CH
[71] NESTEC S.A., CH
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[54] **PRODUIT D'ASSAISONNEMENT**
[72] KAUR, PRABHJOT, DE
[72] MARAZZATO, MICHELE, CH
[72] JESPENSGAARD, LOUISE NANNA, DK
[71] NESTEC S.A., CH
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[54] **GRAINS D'ALUMINE-ZIRCONE FONDUS**
[72] DELWAULLE, CELINE, FR
[72] APHECEIXBORDE, ARNAUD, FR
[71] SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN, FR
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[54] **VAPORIZING ASSEMBLY COMPRISING A VIEWABLE HEATING ELEMENT AND LIQUID DELIVERY DEVICE FOR AN AEROSOL GENERATING SYSTEM**
[54] **ENSEMBLE DE VAPORISATION COMPRENANT UN ELEMENT CHAUFFANT ET UN DISPOSITIF DE DISTRIBUTION DE LIQUIDE VISUALISABLES DESTINE A UN SYSTEME DE PRODUCTION D'AEROSOL**
[72] MANCA, LAURENT, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-31
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[54] **FOCUSING OPTICS FOR MATERIAL MACHINING BY MEANS OF LASER RADIATION AND LASER MACHINING HEAD WITH SUCH FOCUSING OPTICS**
[54] **OPTIQUE DE REPRODUCTION POUR L'USINAGE DE MATERIAUX PAR FAISCEAU LASER ET TETE D'USINAGE LASER EQUIPEE DE CELLE-CI**
[72] BLAZQUEZ-SANCHEZ, DAVID, DE
[71] PRECITEC GMBH & CO. KG, DE
[85] 2018-07-31
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[54] **MULTIPLE DEGREE OF FREEDOM MEMS SENSOR CHIP AND METHOD FOR FABRICATING THE SAME**
[54] **PUCE DE CAPTEUR MEMS A MULTIPLES DEGRES DE LIBERTE ET SON PROCEDE DE FABRICATION**
[72] BOYSEL, ROBERT MARK, CA
[71] MOTION ENGINE INC., CA
[85] 2018-07-31
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[54] **METHODS AND SYSTEMS FOR THE DELIVERY OF DISSOLVED GASES AND DE-GASSING MEDICAL FLUID LINES**
[54] **PROCEDES ET SYSTEMES POUR DISTRIBUTION DE GAZ DISSOUS ET DEGAZAGE DE CONDUITES DE FLUIDE MEDICAL**
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[72] CHOI, JAE H., US
[71] HYBERNIA MEDICAL LLC, US
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[54] **METHOD AND SYSTEM FOR QUANTITATIVE ASSESSMENT OF VISUAL MOTOR RESPONSE**
[54] **PROCEDE ET SYSTEME D'EVALUATION QUANTITATIVE DE LA REPONSE MOTRICE VISUELLE**
[72] DUFFY, CHARLES, US
[71] CEREBRAL ASSESSMENT SYSTEMS, LLC, US
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[54] **ARTICLE GENERATEUR D'AEROSOL A SOURCE DE CHALEUR ISOLEE**
[72] DUC, FABIEN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **LASER A FIBRE ND3+ ET AMPLIFICATEUR**
[72] DAWSON, JAY W., US
[72] ALLEN, GRAHAM S., US
[72] DRACHENBERG, DERREK REGINALD, US
[72] KHITROV, VICTOR V., US
[72] MESSERLY, MICHAEL J., US
[72] PAX, PAUL H., US
[72] SCHENKEL, NICK, US
[71] LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, US
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[54] **DISPOSITIF DE COMMANDE DE FORCE DE CATHETER**
[72] GELMAN, DANIEL, CA
[72] SKANES, ALLAN, CA
[72] DRANGOVA, MARIA, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[30] US (62/290,243) 2016-02-02

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[25] EN
[54] **MULTILAYERED POLYMERIC FILM**
[54] **FILM POLYMERE MULTICOUCHE**
[72] DAVIS, DON, US
[72] NEVINS, DANNY, US
[72] MICKEY, TOM, US
[72] MCMANUS, MARK, US
[72] BROWNFIELD, DOUG, US
[72] CARROLL, LINDA, US
[71] AMPACET CORPORATION, US
[85] 2018-07-30
[86] 2016-05-03 (PCT/US2016/030553)
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[51] **Int.Cl. A61B 6/03 (2006.01) A61B 34/30 (2016.01) A61B 6/00 (2006.01)**
[25] EN
[54] **RADIOLOGICAL IMAGING DEVICE**
[54] **DISPOSITIF D'IMAGERIE RADIOLOGIQUE**
[72] FORTUNA, DAMIANO, IT
[72] MANETTI, LEONARDO, IT
[72] DE MICHELI, DENIS MATTIA, IT
[71] IMAGINALIS S.R.L., IT
[85] 2018-07-31
[86] 2017-01-27 (PCT/IB2017/050438)
[87] (WO2017/134546)
[30] IT (UB2016A000047) 2016-02-01
[30] IT (UB2016A000102) 2016-02-01

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[51] **Int.Cl. B64D 1/18 (2006.01)**
[25] EN
[54] **AERIAL PLATFORMS FOR AERIAL SPRAYING AND METHODS FOR CONTROLLING THE SAME**
[54] **PLATES-FORMES AERIENNES PERMETTANT UNE PULVERISATION AERIENNE ET LEURS PROCEDES DE COMMANDE**
[72] ZIVAN, LIOR, IL
[72] DEKEL, GUY, IL
[71] ISRAEL AEROSPACE INDUSTRIES LTD., IL
[85] 2018-07-31
[86] 2017-02-01 (PCT/IL2017/050119)
[87] (WO2017/134659)
[30] IL (243942) 2016-02-03

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[51] **Int.Cl. A61F 13/00 (2006.01) A61L 15/44 (2006.01)**
[25] EN
[54] **WOUND DRESSINGS AND METHODS**
[54] **PANSEMENTS ET PROCEDES**
[72] MCMULLEN, TODD, CA
[72] BURRELL, ROBERT, CA
[71] O.R. SCIENCE INC., CA
[85] 2018-07-31
[86] 2017-02-03 (PCT/CA2017/050125)
[87] (WO2017/132770)
[30] US (62/291,254) 2016-02-04

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[25] EN
[54] **METHOD AND APPARATUS FOR SUPPLYING FISH PRODUCT**
[54] **PROCEDE ET APPAREIL POUR FOURNIR UN PRODUIT DE POISSON**
[72] RUUTTU, JARI, FI
[72] KINNUNEN, PETTERI, FI
[71] ARCTIC IP INVESTMENT AB, FI
[85] 2018-07-31
[86] 2017-02-03 (PCT/FI2017/050061)
[87] (WO2017/134348)
[30] FI (20160027) 2016-02-05

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[51] **Int.Cl. A61C 9/00 (2006.01) A63B 71/08 (2006.01)**
[25] EN
[54] **IMPRESSION TRAY**
[54] **PORTE-EMPREINTE**
[72] LOVAT, ANTHONY, GB
[71] OPRO INTERNATIONAL LIMITED, GB
[85] 2018-07-31
[86] 2017-01-16 (PCT/GB2017/050092)
[87] (WO2017/137717)
[30] GB (1602485.3) 2016-02-11

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[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING A COMPOSITION OF A FLUID**
[54] **PROCEDE ET APPAREIL DE MESURE DE COMPOSITION DE FLUIDE**
[72] PARKER, ALAN DAVID, GB
[72] EDWARD, GILES, GB
[72] WALL-CLARKE, ALEX, GB
[72] TREMOLET, ARNAULT, GB
[71] M-FLOW TECHNOLOGIES LIMITED, GB
[85] 2018-07-31
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[87] (WO2017/137752)
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[25] EN
[54] **SILICONE HYDROGEL CONTACT LENSES HAVING IMPROVED LUBRICITY**
[54] **LENTILLES DE CONTACT EN SILICONE-HYDROGEL PRESENTANT UN POUVOIR LUBRIFIANT AMELIORE**
[72] ROGERS, VICTORIA, US
[72] GEORGE, MELANIE, US
[72] LUK, ANDREW, US
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
[85] 2018-07-31
[86] 2017-02-22 (PCT/GB2017/050455)
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[51] **Int.Cl. C12N 1/20 (2006.01) A61K 35/747 (2015.01) A23L 33/135 (2016.01)**
[25] EN
[54] **USE OF BACTERIAL STRAINS BELONGING TO THE SPECIES LACTOBACILLUS KEFIRI IN PAEDIATRICS TO GENERATE AND/OR MAINTAIN A STATE OF HOMEOSTASIS**
[54] **UTILISATION DE SOUCHES BACTERIENNES APPARTENANT A L'ESPECE LACTOBACILLUS KEFIRI EN PEDIATRIE POUR GENERER ET/OU MAINTENIR UN ETAT D'HOMEOSTASIE**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
[71] HULKA S.R.L., IT
[85] 2018-07-31
[86] 2017-02-09 (PCT/IB2017/050713)
[87] (WO2017/137920)
[30] IT (102016000014907) 2016-02-12
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[25] EN
[54] **VISUALIZATION SYSTEM FOR OPHTHALMIC SURGERY**
[54] **SYSTEME DE VISUALISATION POUR CHIRURGIE OPHTALMIQUE**
[72] HEEREN, TAMMO, US
[71] NOVARTIS AG, CH
[85] 2018-07-31
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[25] EN
[54] **CONTROL METHOD AND CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE COMMANDER UN MOTEUR A COMBUSTION INTERNE**
[72] KASSAI, MASAHARU, JP
[72] HASHIMOTO, HIROKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-07-31
[86] 2016-02-05 (PCT/JP2016/053530)
[87] (WO2017/134822)

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[25] EN
[54] **HINGE CONSTRUCTION FOR HINGABLY CONNECTING DEVICE MEMBERS TO ONE ANOTHER, IN PARTICULAR FOR A SPECULUM**
[54] **CONSTRUCTION DE CHARNIERE PERMETTANT DE RELIER PAR CHARNIERE DES ELEMENTS DE DISPOSITIF LES UNS AUX AUTRES, EN PARTICULIER POUR UN SPECULUM**
[72] ROELOFFS, BOB, NL
[71] BRIDEA IP LIMITED, CN
[85] 2018-07-31
[86] 2017-01-31 (PCT/NL2017/050059)
[87] (WO2017/135813)
[30] NL (2016213) 2016-02-03

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[25] EN
[54] **SEAMLESS STEEL PIPE AND METHOD OF MANUFACTURING THE SAME**
[54] **TUYAU EN ACIER SANS SOUDURE ET SON PROCEDE DE FABRICATION**
[72] KONDO, KEIICHI, JP
[72] OE, TARO, JP
[72] ARAI, YUJI, JP
[72] SENDAI, YUSUKE, JP
[72] KAMITANI, HIROKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-07-31
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[25] EN
[54] **EMULSION COMPRISING AN NK-1 RECEPTOR ANTAGONIST**
[54] **EMULSION COMPRENANT UN ANTAGONISTE DE RECEPTEUR DE NK-1**
[72] OTTOBONI, THOMAS B., US
[72] HAN, HAN, US
[71] HERON THERAPEUTICS, INC., US
[85] 2018-07-31
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[51] **Int.Cl. C08B 1/00 (2006.01) D04H 1/425 (2012.01) C08B 16/00 (2006.01) C08J 11/08 (2006.01) D01F 2/00 (2006.01) D21H 11/20 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING REGENERATED CELLULOSE FIBERS FROM COTTON CONTAINING TEXTILE WASTE**
[54] **PROCEDE DE PRODUCTION DE FIBRES DE CELLULOSE REGENEREES A PARTIR DE DECHETS TEXTILES CONTENANT DU COTON**
[72] BRINKS, GERRIT JOHANNES, NL
[72] BOUWHUIS, GERHARD HERMAN, NL
[72] AGRAWAL, PRAMODKUMAR BHAGWANDAS, NL
[72] GOOIJER, HENDRIK, NL
[72] OELERICH, JENS JOSEF, DE
[71] STICHTING SAXION, NL
[85] 2018-07-31
[86] 2017-02-01 (PCT/NL2017/050062)
[87] (WO2017/135816)
[30] NL (2016190) 2016-02-01

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[51] **Int.Cl. E21B 19/02 (2006.01) B66C 13/04 (2006.01)**
[25] EN
[54] **MOBILE ACTIVE HEAVE COMPENSATOR**
[54] **COMPENSATEUR DE PILONNEMENT ACTIF MOBILE**
[72] MARTINSEN, TORD B., NO
[72] SKARE BERG, ANDRE, NO
[71] SAFELINK AS, NO
[85] 2018-07-31
[86] 2017-02-22 (PCT/NO2017/050049)
[87] (WO2017/146591)
[30] NO (20160301) 2016-02-22
[30] NO (20160771) 2016-05-08
[30] NO (20161040) 2016-06-21
[30] NO (20161090) 2016-06-30
[30] NO (20161247) 2016-07-27

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[51] **Int.Cl. H01S 5/02 (2006.01)**
[25] EN
[54] **LASER LIGHT SOURCE DEVICE AND METHOD FOR MANUFACTURING LASER LIGHT SOURCE DEVICE**
[54] **DISPOSITIF DE SOURCE DE LUMIERE LASER ET PROCEDE DE FABRICATION DE DISPOSITIF DE SOURCE DE LUMIERE LASER**
[72] NAKANO, SEIJI, JP
[72] SEKI, TOSHIHIDE, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-07-31
[86] 2016-02-22 (PCT/JP2016/055030)
[87] (WO2017/145229)

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[51] **Int.Cl. B64G 1/00 (2006.01) B64G 1/28 (2006.01) B64G 1/42 (2006.01) G05D 1/08 (2006.01)**
[25] EN
[54] **SPACECRAFT ACTUATOR WHEEL WITH INTEGRATED BATTERY AND FUEL STORAGE**
[54] **ROUE D'ACTIONNEUR D'ENGIN SPATIAL A PILES ET DISPOSITIF DE STOCKAGE DE CARBURANT INTEGRES**
[72] JAEGER, TALBOT, US
[71] NOVAWURKS, INC., US
[85] 2018-07-31
[86] 2016-02-10 (PCT/US2016/017342)
[87] (WO2016/130669)
[30] US (14/620,617) 2015-02-12

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[51] **Int.Cl. F23R 3/42 (2006.01)**
[25] EN
[54] **AIRCRAFT COMPONENT AND AIRCRAFT GAS-TURBINE ENGINE**
[54] **ELEMENT D'AVIATION ET MOTEUR DE TURBINE A GAZ POUR L'AVIATION**
[72] ONISHI, TOMOYUKI, JP
[72] UETSUKI, YASUYUKI, JP
[72] HANADA, TADAYUKI, JP
[72] FUJIMOTO, YOHEI, JP
[72] OTA, TAKAFUMI, JP
[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP
[85] 2018-07-31
[86] 2016-05-17 (PCT/JP2016/064603)
[87] (WO2017/134843)
[30] JP (2016-019997) 2016-02-04

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[51] **Int.Cl. E21B 19/02 (2006.01) B66C 13/04 (2006.01)**
[25] EN
[54] **MOBILE HEAVE COMPENSATOR**
[54] **COMPENSATEUR DE PILONNEMENT MOBILE**
[72] MARTINSEN, TORD B., NO
[72] SKARE BERG, ANDRE, NO
[71] SAFELINK AS, NO
[85] 2018-07-31
[86] 2017-02-22 (PCT/NO2017/050048)
[87] (WO2017/146590)
[30] NO (20160299) 2016-02-22
[30] NO (20161184) 2016-07-18

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[51] **Int.Cl. A61L 31/04 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **METHODS FOR STABILIZING COLLAGEN-CONTAINING TISSUE PRODUCTS AGAINST ENZYMATIC DEGRADATION**
[54] **PROCEDES DE STABILISATION DE PRODUITS TISSULAIRES CONTENANT DU COLLAGENE CONTRE LA DEGRADATION ENZYMATIQUE**
[72] JESSOP, ISRAEL, US
[72] POMERLEAU, MING F., US
[72] BACHRACH, NATHANIEL, US
[71] LIFECELL CORPORATION, US
[85] 2018-07-31
[86] 2017-01-26 (PCT/US2017/015067)
[87] (WO2017/139102)
[30] US (62/294,042) 2016-02-11

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[51] **Int.Cl. F16L 15/04 (2006.01)**
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[54] **THREADED JOINT FOR OIL WELL TUBING**
[54] **JOINT FILETE POUR CONDUITE DE PUITS DE PETROLE**
[72] KAWAI, TAKAMASA, JP
[72] KANAYAMA, TARO, JP
[72] YOSHIKAWA, MASAKI, JP
[72] SEKI, HARUHIKO, JP
[72] UETA, MASATERU, JP
[72] TAKANO, JUN, JP
[72] YONEYAMA, TSUYOSHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-07-31
[86] 2016-12-16 (PCT/JP2016/087462)
[87] (WO2017/141538)
[30] JP (2016-029653) 2016-02-19

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[25] FR
[54] **METHOD AND APPARATUS FOR SPECTROSCOPIC ANALYSIS, IMPLEMENTNG INFRARED AND FLUORESCENCE MULTICHANNEL PROCESSING OF SPECTRAL DATA**
[54] **PROCEDE ET APPAREIL D'ANALYSE SPECTROSCOPIQUE, UTILISANT UN TRAITEMENT MULTIVOIES DE DONNEES SPECTRALES EN INFRAROUGE ET EN FLUORESCENCE**
[72] BIRLOUEZ-ARAGON, INES, FR
[72] LACOTTE, PIERRE, FR
[72] ACHARID, ABDELHAQ, FR
[72] ALLOUCHE, FATMA, FR
[72] RIZKALLAH, JAD, LB
[71] SPECTRALYS INNOVATION, FR
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[25] EN
[54] **NICKEL CONTAINING MIXED METAL-OXIDE/CARBON BULK HYDROPROCESSING CATALYSTS AND THEIR APPLICATION**
[54] **CATALYSEURS D'HYDROTRAITEMENT MASSIQUES DE CARBONE/OXYDE METALLIQUE MIXTE CONTENANT DU NICKEL ET LEUR APPLICATION**
[72] BERGWERFF, JACOB ARIE, NL
[72] VEERMAN, WILHELMUS CLEMENS JOZEF, NL
[72] HUIBERTS, RONALD JAN, NL
[72] EIJSBOUTS-SPICKOVA, SONA, NL
[71] ALBEMARLE EUROPE SPRL, BE
[85] 2018-07-31
[86] 2017-02-01 (PCT/EP2017/052122)
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[30] US (62/289,707) 2016-02-01

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[51] **Int.Cl. A61M 1/00 (2006.01) A61M 3/02 (2006.01) A61M 25/02 (2006.01)**
[25] EN
[54] **SUCTION AND IRRIGATION DEVICE**
[54] **DISPOSITIF D'ASPIRATION ET D'IRRIGATION**
[72] FORSBERG, ANDREW T., US
[72] DRONTLE, JOHN R., US
[72] HANSON, ANTHONY J., US
[71] ENTELLUS MEDICAL, INC., US
[85] 2018-07-31
[86] 2016-04-28 (PCT/US2016/029639)
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[30] US (62/290,882) 2016-02-03

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[25] EN
[54] **SHROUD AND METHOD FOR IMPLEMENTING ABRADABLE COATING**
[54] **CARENAGE ET PROCEDE DE MISE EN PLACE DE REVETEMENT ABRADABLE**
[72] KURIMURA, TAKAYUKI, JP
[72] MATSUMOTO, MINEAKI, JP
[72] HANADA, TADAYUKI, JP
[72] TAMUGI, AZUSA, JP
[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP
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[87] (WO2017/134976)
[30] JP (2016-020202) 2016-02-04

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[54] **MULTI-LEVEL HIGH SPEED ADJUSTABLE SPEED DRIVE**
[54] **ENTRAINEMENT A VITESSE VARIABLE A HAUTE VITESSE A NIVEAUX MULTIPLES**
[72] SANTAMARIA, GEORGE THOMAS, US
[71] GENERAL ATOMICS, US
[85] 2018-07-31
[86] 2016-09-26 (PCT/US2016/053739)
[87] (WO2017/155572)
[30] US (15/067,448) 2016-03-11

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[51] **Int.Cl. E02D 5/56 (2006.01) E02D 5/80 (2006.01) E02D 7/22 (2006.01) E21B 10/44 (2006.01) E21B 17/22 (2006.01)**
[25] EN
[54] **SOIL DISPLACEMENT PILES**
[54] **PIEUX DE DEPLACEMENT DE SOL**
[72] RAPOSO, ALEX JOSEPH, US
[72] CONTE, MATTHEW ALAN, US
[72] SEIDER, GARY LEONARD, US
[72] KEMP, TIMOTHY MICHAEL, US
[72] DOWNEY, SHAWN DAVID, US
[71] HUBBELL INCORPORATED, US
[85] 2018-07-31
[86] 2016-11-08 (PCT/US2016/061010)
[87] (WO2017/136013)
[30] US (62/290,637) 2016-02-03

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[51] **Int.Cl. C02F 1/28 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR EXTRACTING SOLUBLE SUBSTANCES DISSOLVED IN AN AQUEOUS SOLUTION**
[54] **DISPOSITIF ET PROCEDE D'EXTRACTION DE SUBSTANCES SOLUBLES DISSOUTES DANS UNE SOLUTION AQUEUSE**
[72] BERMUDES, MARC, FR
[71] BERMUDES, MARC, FR
[85] 2018-07-31
[86] 2017-02-03 (PCT/EP2017/052349)
[87] (WO2017/134205)
[30] FR (16 50898) 2016-02-04

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[51] **Int.Cl. H04W 52/34 (2009.01) H04W 52/18 (2009.01) H04W 52/38 (2009.01) H04W 72/04 (2009.01) H04W 72/14 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **TERMINAL APPARATUS AND METHOD**
[54] **DISPOSITIF TERMINAL ET PROCEDE**
[72] OUCHI, WATARU, JP
[72] AIBA, TATSUSHI, JP
[72] SUZUKI, SHOICHI, JP
[72] HAYASHI, TAKASHI, JP
[72] YOKOMAKURA, KAZUNARI, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-07-31
[86] 2017-01-23 (PCT/JP2017/002080)
[87] (WO2017/135077)
[30] JP (2016-017735) 2016-02-02

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[25] EN
[54] **DEVICES FOR SIMULATING A FUNCTION OF A LIVER TISSUE AND METHODS OF USE AND MANUFACTURING THEREOF**
[54] **DISPOSITIFS DE SIMULATION D'UNE FONCTION D'UN TISSU HEPATIQUE ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**
[72] INGBER, DONALD E., US
[72] HAMILTON, GERALDINE, US
[72] JANG, KYUNG-JIN, US
[72] HANEY, SUZZETTE, US
[72] PATEL, PAYAL, US
[72] HERLAND, ANNA, SE
[72] RESNIKOFF, JOSHUA, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[87] (WO2017/096192)
[30] US (62/263,378) 2015-12-04

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[51] **Int.Cl. C12C 3/12 (2006.01) C12H 1/16 (2006.01)**
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[54] **LIGHT-STABLE HOP EXTRACT**
[54] **EXTRAIT DE HOUBLON PHOTOSTABLE**
[72] BROUWER, ERIC RICHARD, NL
[72] DEKONINCK, TINNE, NL
[72] VANBENEDEN, NELE, NL
[72] VAN VEEN, MARCEL, NL
[72] SCHOUTEN, MARIA ELIZABETH WILHELMINA, NL
[71] HEINEKEN SUPPLY CHAIN B.V., NL
[85] 2018-07-31
[86] 2017-02-03 (PCT/EP2017/052446)
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[25] EN
[54] **OPEN-TOP MICROFLUIDIC DEVICES AND METHODS FOR SIMULATING A FUNCTION OF A TISSUE**
[54] **DISPOSITIFS MICROFLUIDIQUES A OUVERTURE SUPERIEURE ET PROCEDES DE SIMULATION D'UNE FONCTION D'UN TISSU**
[72] VARONE, ANTONIO, US
[72] WEN, NORMAN, US
[72] LEVNER, DANIEL, US
[72] NOVAK, RICHARD, US
[72] MCPARTLIN, LORI, US
[72] INGBER, DONALD E., US
[72] CHOE, YOUNGJAE, US
[72] LENG, LIAN, CA
[72] NGUYEN, JUSTIN K., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[51] **Int.Cl. A01G 27/04 (2006.01) A01G 9/02 (2018.01) A01G 13/02 (2006.01) A01G 27/06 (2006.01)**
[25] EN
[54] **TOP FEEDING WICKING APPARATUS AND SYSTEM**
[54] **APPAREIL ET SYSTEME A EFFET DE MECHE A ALIMENTATION PAR LE HAUT**
[72] MARSHALL, AARON, US
[71] 4D HOLDING, LLC, US
[85] 2018-07-31
[86] 2017-01-27 (PCT/US2017/015228)
[87] (WO2017/136227)
[30] US (62/289,678) 2016-02-01

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[51] **Int.Cl. A24B 15/28 (2006.01) A23L 27/20 (2016.01) A23P 20/10 (2016.01) A24B 9/00 (2006.01) A24F 23/02 (2006.01) B65D 65/46 (2006.01)**
[25] EN
[54] **SMOKELESS TOBACCO PRODUCT**
[54] **PRODUIT DE TABAC SANS FUMEE**
[72] WILSON, VINSON D., US
[71] R.J. REYNOLDS TOBACCO COMPANY, US
[85] 2018-07-31
[86] 2016-12-27 (PCT/US2016/068693)
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[30] US (14/988,096) 2016-01-05

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[25] EN
[54] **MEANS AND METHODS FOR DIFFERENTIATING BETWEEN HEART FAILURE AND PULMONARY DISEASE IN A SUBJECT**
[54] **MOYENS ET PROCEDES POUR DISTINGUER L'INSUFFISANCE CARDIAQUE DE LA MALADIE PULMONAIRE CHEZ UN SUJET**
[72] SCHATZ, PHILIPP, DE
[72] WITT, HENNING, DE
[72] PETER, ERIK, DE
[72] DOSTLER, MARTIN, DE
[72] CARVALHO, SUSAN, DE
[72] TERNES, PHILIPP, DE
[72] MAPPES, PHILIPP, DE
[72] FISCHER, JENNY, DE
[72] KATUS, HUGO A., DE
[72] WEIS, TANJA, DE
[72] FREY, NORBERT, DE
[71] METANOMICS GMBH, DE
[71] RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG, DE
[85] 2018-07-31
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[51] **Int.Cl. H04N 19/126 (2014.01) H04N 19/136 (2014.01) H04N 19/176 (2014.01) H04N 19/196 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSFORM COEFFICIENT CODING**
[54] **SYSTEMES ET PROCEDES DE CODAGE DE COEFFICIENT DE TRANSFORMEE**
[72] ZHAO, JIE, US
[72] SEGALL, CHRISTOPHER ANDREW, US
[72] KIM, SEUNG-HWAN, US
[72] MISRA, KIRAN MUKESH, US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-07-31
[86] 2017-01-25 (PCT/JP2017/002475)
[87] (WO2017/138352)
[30] US (62/292,806) 2016-02-08
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[13] A1
[51] **Int.Cl. C22C 37/08 (2006.01) C22C 37/10 (2006.01)**
[25] EN
[54] **HYPEREUTECTIC WHITE IRON ALLOYS COMPRISING CHROMIUM, BORON AND NITROGEN AND ARTICLES MADE THEREFROM**
[54] **ALLIAGES HYPEREUTECTIQUES DE FER BLANC CONTENANT DU CHROME, DU BORE ET DE L'AZOTE, ET ARTICLES FABRIQUES A PARTIR DE CES ALLIAGES**
[72] RADON, ROMAN, US
[72] RADON, RAPHAEL, US
[71] RADON, ROMAN, US
[71] RADON, RAPHAEL, US
[85] 2018-07-31
[86] 2017-01-23 (PCT/US2017/014548)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR STIMULATING COLLAGEN SYNTHESIS IN SKIN CELLS**
[54] **PROCEDES ET COMPOSITIONS POUR STIMULER LA SYNTHESE DU COLLAGENE DANS DES CELLULES CUTANEES**
[72] PERNODET, NADINE, US
[72] CORALLO, KRYSTLE, US
[71] ELC MANAGEMENT LLC, US
[85] 2018-07-31
[86] 2017-01-26 (PCT/US2017/015007)
[87] (WO2017/139099)
[30] US (15/041,602) 2016-02-11

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[51] **Int.Cl. G21G 1/10 (2006.01) G21G 4/08 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING RADIOACTIVE SUBSTANCE THROUGH MUON IRRADIATION, AND SUBSTANCE PREPARED USING SAID METHOD**
[54] **PROCEDE DE PREPARATION DE SUBSTANCE RADIOACTIVE PAR IRRADIATION PAR MUONS ET SUBSTANCE AINSI PREPAREE**
[72] MATSUZAKI, TEIICHIRO, JP
[72] SAKURAI, HIROYOSHI, JP
[71] RIKEN, JP
[85] 2018-07-31
[86] 2017-01-30 (PCT/JP2017/003226)
[87] (WO2017/135196)
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[51] **Int.Cl. A61K 31/485 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **GLUCOMANNAN CONTAINING PHARMACEUTICAL COMPOSITIONS WITH EXTENDED RELEASE AND ABUSE DETERRENT PROPERTIES**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DU GLUCOMANNANE A LIBERATION PROLONGEE ET AVEC DES PROPRIETES DE DISSUASION D'ABUS**
[72] GOWER, BRAD L., US
[72] PARK, JAE HAN, US
[72] HERMAN, CLIFFORD J., US
[72] LAI, TSZ CHUNG, US
[72] FENG, KAI, US
[71] SPECGX LLC, US
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[25] EN
[54] **DOCUMENT COLLABORATION AND CONSOLIDATION TOOLS AND METHODS OF USE**
[54] **OUTILS DE COLLABORATION ET DE CONSOLIDATION DE DOCUMENT ET PROCEDES D'UTILISATION**
[72] CODRINGTON, DAVID F., US
[72] KENNEDY, VERNON W., III, US
[72] KONERU, RAJANI, US
[71] ACTIVEWRITE, INC., US
[85] 2018-07-31
[86] 2017-01-27 (PCT/US2017/015355)
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[30] US (62/290,268) 2016-02-02
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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING SUBSTITUTE PRODUCTS IN PLACE OF ORDERED PRODUCTS THAT ARE OUT OF STOCK**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR DES PRODUITS DE SUBSTITUTION AU LIEU DE PRODUITS COMMANDES QUI SONT MANQUANTS**
[72] PUTCHA, SAI PHANEENDRA SRI HARSHA VISWANATH, US
[72] HIGH, DONALD R., US
[72] NATARAJAN, CHANDRASHEKAR, US
[71] WALMART APOLLO, LLC, US
[85] 2018-07-31
[86] 2017-01-30 (PCT/US2017/015559)
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[30] US (62/290,747) 2016-02-03

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[51] **Int.Cl. A21D 13/41 (2017.01) A23L 33/14 (2016.01) A21D 8/04 (2006.01)**
[25] EN
[54] **FERMENTED PIZZA DOUGH SNACKS**
[54] **EN-CAS A BASE DE PATE A PIZZA FERMENTEE**
[72] KENNEDY, KERIN, US
[72] LINDSLEY, MARK, US
[71] HELLO DELICIOUS BRANDS LLC, US
[85] 2018-07-31
[86] 2017-01-30 (PCT/US2017/015564)
[87] (WO2017/136259)
[30] US (62/289,758) 2016-02-01

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[25] EN
[54] **AUDIO SYSTEM HAVING BEAM-SHAPING SPEAKERS AND EYEWEAR HAVING SUCH AN AUDIO SYSTEM**
[54] **SYSTEME AUDIO DOTE DES HAUT-PARLEURS FORMANT UN FAISCEAU ET PAIRE DE LUNETTES DOTEE D'UN TEL SYSTEME AUDIO**
[72] RUSCONI CLERICI BELTRAMI, ANDREA, AT
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AT
[85] 2018-07-31
[86] 2017-02-08 (PCT/EP2017/052673)
[87] (WO2017/144269)
[30] DE (10 2016 103 477.0) 2016-02-26

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[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) A01N 63/02 (2006.01) C07K 14/325 (2006.01)**
[25] EN
[54] **GAWKY (GW) NUCLEIC ACID MOLECULES TO CONTROL INSECT PESTS**
[54] **MOLECULES D'ACIDES NUCLEIQUES GAWKY (GW) PERMETTANT DE LUTTER CONTRE DES INSECTES NUISIBLES**
[72] NARVA, KENNETH E., US
[72] WORDEN, SARAH E., US
[72] FREY, MEGHAN, US
[72] RANGASAMY, MURUGESAN, US
[72] GANDRA, PREMCHAND, US
[72] LO, WENDY, US
[72] FISHILEVICH, ELANE, US
[72] FISCHER, RAINER, DE
[72] VILCINSKAS, ANDREAS, DE
[72] KNORR, EILEEN, DE
[71] DOW AGROSCIENCES LLC, US
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV, DE
[85] 2018-07-31
[86] 2017-01-31 (PCT/US2017/015793)
[87] (WO2017/136331)
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[51] **Int.Cl. C07K 5/103 (2006.01) C07D 207/16 (2006.01)**
[25] EN
[54] **PROCESSES FOR SYNTHESIS OF DIPYRROLIDINE PEPTIDE COMPOUNDS**
[54] **PROCEDE DE SYNTHESE DE COMPOSES PEPTIDIQUES DE DIPYRROLIDINE**
[72] KHAN, M. AMIN, US
[71] NAUREX, INC., US
[85] 2018-07-31
[86] 2017-01-31 (PCT/US2017/015851)
[87] (WO2017/136348)
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[51] **Int.Cl. A01N 63/00 (2006.01) A01N 25/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR CONTROLLING ANTS**
[54] **PROCEDES ET COMPOSITIONS DE LUTTE CONTRE LES FOURMIS**
[72] KILLMER, JOHN L., US
[72] KUMAR, ANIL, US
[72] MCLAUGHLIN, PATRICK D., US
[72] ARHANCET, JUAN PEDRO HUMBERTO, US
[71] APSE, INC., US
[85] 2018-07-31
[86] 2017-01-31 (PCT/US2017/015861)
[87] (WO2017/136353)
[30] US (62/290,318) 2016-02-02
[30] US (62/397,790) 2016-09-21

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[51] **Int.Cl. A61M 15/06 (2006.01) A61M 11/04 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING SYSTEM WITH PUMP**
[54] **SYSTEME DE GENERATION D'AEROSOL AVEC POMPE**
[72] MANCA, LAURENT, CH
[72] BATISTA, RUI NUNO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-31
[86] 2017-02-23 (PCT/EP2017/054253)
[87] (WO2017/167509)
[30] EP (16163420.9) 2016-03-31

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[13] A1
[51] **Int.Cl. G06F 11/36 (2006.01) G06F 11/32 (2006.01) G06F 11/34 (2006.01)**
[25] EN
[54] **CLOUD-BASED PLATFORM INSTRUMENTATION AND MONITORING SYSTEM FOR MAINTENANCE OF USER-CONFIGURED PROGRAMS**
[54] **SYSTEME D'INSTRUMENTATION ET DE SURVEILLANCE DE PLATEFORME INFONUAGIQUE POUR LA MAINTENANCE DE PROGRAMMES CONFIGURES PAR UN UTILISATEUR**
[72] LAETHEM, JARED, US
[71] SERVICENOW, INC., US
[85] 2018-07-31
[86] 2017-02-01 (PCT/US2017/015935)
[87] (WO2017/136380)
[30] US (15/013,483) 2016-02-02

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES HAVING SPECIFICITY FOR BTLA AND USES THEREOF**
[54] **ANTICORPS PRESENTANT UNE SPECIFICITE POUR BTLA ET LEURS UTILISATIONS**
[72] OLIVE, DANIEL, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
[71] INSTITUT JEAN PAOLI & IRENE CALMETTES, FR
[85] 2018-07-31
[86] 2017-02-24 (PCT/EP2017/054342)
[87] (WO2017/144668)
[30] EP (16305223.6) 2016-02-26

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[51] **Int.Cl. B32B 27/08 (2006.01) A47G 1/17 (2006.01) B32B 7/06 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/40 (2006.01)**
[25] EN
[54] **FILM BACKINGS FOR PEEL RELEASE MOUNTING**
[54] **REVERS DE FILM POUR MONTAGE A LIBERATION PAR ARRACHAGE**
[72] RUNGE, MICHAEL B., US
[72] DEEB, GERALD S., US
[72] KRULL, BRETT P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-07-31
[86] 2017-02-01 (PCT/US2017/016039)
[87] (WO2017/136432)
[30] US (62/289,621) 2016-02-01

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[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01) A61K 41/00 (2006.01) A61K 49/04 (2006.01)**
[25] EN
[54] **PHOSPHOR-CONTAINING DRUG ACTIVATOR, SUSPENSION THEREOF, SYSTEM CONTAINING THE SUSPENSION, AND METHODS FOR USE**
[54] **ACTIVATEUR DE MEDICAMENT CONTENANT UN LUMINOPHORE, SUSPENSION DE CELUI-CI, LE SYSTEME CONTENANT LA SUSPENSION, ET PROCEDES D'UTILISATION**
[72] WALDER, HAROLD, US
[72] BOURKE, FREDERIC A., JR., US
[72] FATHI, ZAKARYAE, US
[72] BEYER, WAYNE, US
[72] OLDHAM, MARK, US
[72] ADAMSON, JUSTUS, US
[72] NOLAN, MICHAEL, US
[71] IMMUNOLIGHT, LLC, US
[71] DUKE UNIVERSITY, US
[71] NORTH CAROINA STATE UNIVERSITY, US
[85] 2018-07-31
[86] 2017-02-02 (PCT/US2017/016138)
[87] (WO2017/136504)
[30] US (62/290,203) 2016-02-02
[30] US (62/304,525) 2016-03-07

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **BUFFER FORMULATIONS FOR ENHANCED ANTIBODY STABILITY**
[54] **FORMULATIONS DE TAMPON POUR AMELIORER LA STABILITE D'ANTICORPS**
[72] GUTKA, HITEN, US
[72] TADDEI, MARIA, US
[72] CHEUNG, JESSICA, US
[71] ONCOBIOLOGICS, INC., US
[85] 2018-07-31
[86] 2017-02-01 (PCT/US2017/016040)
[87] (WO2017/136433)
[30] US (62/290,654) 2016-02-03

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[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/074 (2010.01) C12N 5/0793 (2010.01) C12N 5/0797 (2010.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GROWTH OF INTESTINAL CELLS IN MICROFLUIDIC DEVICES**
[54] **SYSTEMES ET PROCEDES DE CROISSANCE DE CELLULES INTESTINALES DANS DES DISPOSITIFS MICROFLUIDIQUES**
[72] KERNS, JORDAN, US
[72] WEN, NORMAN, US
[72] LUCCHESI, CAROL, US
[72] HINOJOSA, CHRIS, US
[72] FRASER, JACOB, US
[72] PUERTA, JEFFERSON, US
[72] HAMILTON, GERALDINE, US
[72] BARRETT, ROBERT, US
[72] SVENDSEN, CLIVE, US
[72] LEVNER, DANIEL, US
[72] TARGAN, STEPHEN R., US
[72] WORKMAN, MICHAEL, US
[72] SAREEN, DHRUV, US
[72] RAJAMANI, UTHRA, US
[72] KASENDRA, MAGDELENA, US
[71] EMULATE, INC., US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2018-07-31
[86] 2017-02-01 (PCT/US2017/016079)
[87] (WO2017/136462)
[30] US (62/289,521) 2016-02-01
[30] US (62/332,849) 2016-05-06
[30] US (62/354,040) 2016-06-23
[30] US (62/437,314) 2016-12-21

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[13] A1
[51] **Int.Cl. C22B 59/00 (2006.01) C22B 3/24 (2006.01) C22B 3/28 (2006.01) C22B 3/44 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING SCANDIUM**
[54] **PROCEDE DE RECUPERATION DU SCANDIUM**
[72] MATSUOKA, ITSUMI, JP
[72] KOBAYASHI, HIROSHI, JP
[72] SENBA, YUSUKE, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2018-07-31
[86] 2017-01-31 (PCT/JP2017/003398)
[87] (WO2017/135245)
[30] JP (2016-021174) 2016-02-05

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[13] A1
[51] **Int.Cl. B66F 9/075 (2006.01) B62D 33/06 (2006.01) B66F 9/20 (2006.01)**
[25] EN
[54] **CONTROL ELEMENTS FOR MATERIALS HANDLING VEHICLES**
[54] **ELEMENTS DE COMMANDE POUR VEHICULES DE MANUTENTION DE MATERIAUX**
[72] REKOW, CRAIG J., US
[72] MAGEE, PAUL D., US
[72] GALLAGHER, MICHAEL P., US
[72] QUINLAN, ROGER J., US
[71] CROWN EQUIPMENT CORPORATION, US
[85] 2018-07-31
[86] 2017-02-03 (PCT/US2017/016404)
[87] (WO2017/136657)
[30] US (62/291,968) 2016-02-05

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR IDENTIFYING AND ANALYZING AMINO ACID SEQUENCES OF PROTEINS**
[54] **METHODES D'IDENTIFICATION ET D'ANALYSE DE SEQUENCES D'ACIDES AMINES DE PROTEINES**
[72] XIAO, XIAOYAO, US
[72] LI, LINGHUI, US
[71] ONCOBIOLOGICS, INC., US
[85] 2018-07-31
[86] 2017-02-03 (PCT/US2017/016549)
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[30] US (62/291,216) 2016-02-04

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[51] **Int.Cl. A61K 49/22 (2006.01) A61K 49/00 (2006.01) A61K 49/18 (2006.01)**
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[54] **LIPID MICROBUBBLES AND PROCESS OF MAKING THEREOF**
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[72] TING, CHIENYU, TW
[71] TRUST BIOSONICS INC., CN
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[54] **COMBINAISONS POUR LE TRAITEMENT DU CANCER**
[72] ANDREWS, ANDREW J., US
[72] BHATTACHARJEE, VIKRAM, US
[71] EVOL SCIENCE LLC, US
[85] 2018-07-31
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[54] **MODE MIXING OPTICAL FIBERS AND METHODS AND SYSTEMS USING THE SAME**
[54] **FIBRES OPTIQUES A MELANGE DE MODES ET PROCEDES ET SYSTEMES UTILISANT CELLES-CI**
[72] JOLLIVET, CLEMENCE, US
[72] FARLEY, KEVIN, US
[72] ABRAMCZYK, JAROSLAW, US
[72] CONROY, MICHAEL, US
[72] TANKALA, KANISHKA, US
[72] AHMADI, PEYMAN, US
[72] LIM, ERIC, US
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[54] **MOUNTING BAR ASSEMBLY FOR A MATERIALS HANDLING VEHICLE**
[54] **ENSEMBLE BARRE DE MONTAGE POUR UN VEHICULE DE MANUTENTION DE MATERIAUX**
[72] MOLNAR, CHRISTIAN, US
[72] BABEL, CHRISTOPH, US
[72] KRAIMER, JAMES V., US
[72] GALLAGHER, MICHAEL P., US
[72] ADELSPERGER, PETER, US
[72] VOELKE, MARC, US
[72] SUN, LUYING, US
[71] CROWN EQUIPMENT CORPORATION, US
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[51] **Int.Cl. A23J 1/14 (2006.01) A23K 10/30 (2016.01) A23J 3/14 (2006.01)**
[25] EN
[54] **PROTEIN CONCENTRATES FROM OIL SEEDS AND METHODS OF PRODUCING THE SAME**
[54] **CONCENTRES DE PROTEINES PROVENANT DE GRAINES OLEAGINEUSES ET LEURS PROCEDES DE PRODUCTION**
[72] BELL, ERIC, US
[72] MARASCO, ERIN KATHLEEN, US
[72] MERTZ, KEITH JOHN, US
[72] SARANG, SANJAY, US
[72] YANG, PING, US
[71] CARGILL, INCORPORATED, US
[85] 2018-07-31
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CHRONIC WOUNDS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DES PLAIES CHRONIQUES**
[72] ASLAM, RUMMANA, US
[71] HACKENSACK UNIVERSITY MEDICAL CENTER, US
[85] 2018-07-31
[86] 2017-02-08 (PCT/US2017/017044)
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[54] **HEART VALVE**
[54] **VALVE CARDIAQUE**
[72] BISHOP, GORDON B., US
[72] BROWN, NATHAN, US
[72] BRUNER, KEN, US
[72] FLETCHER, DARRYLL, US
[72] WATKINS, SEAN, US
[71] DFM, LLC, US
[85] 2018-07-31
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[30] US (62/294,945) 2016-02-12
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[25] EN
[54] **INTEGRATED FERMENTATION AND ELECTROLYSIS PROCESS**
[54] **PROCEDE INTEGRE DE FERMENTATION ET D'ELECTROLYSE**
[72] SIMPSON, SEAN DENNIS, US
[72] CONRADO, ROBERT JOHN, US
[72] MIHALCEA, CHRISTOPHE DANIEL, US
[72] MARTIN, MICHAEL EMERSON, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
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[25] EN
[54] **PRE-LITHIATED ELECTRODE MATERIALS AND CELLS EMPLOYING THE SAME**
[54] **MATERIAUX D'ELECTRODE PRELITHIES ET CELLULES LES COMPRENANT**
[72] OFER, DAVID, US
[72] REMPEL, JANE, US
[72] SRIRAMULU, SURESH, US
[71] CAMX POWER, L.L.C., US
[85] 2018-07-31
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[25] EN
[54] **A TWO COMPONENT "MIX AND USE" LIQUID THROMBOPLASTIN REAGENT, METHODS OF MAKING, AND METHODS OF USE THEREOF**
[54] **REACTIF LIQUIDE DE THROMBOPLASTINE A DEUX COMPOSANTS "MELANGE ET UTILISATION", PROCEDES DE FABRICATION ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] CAWTHERN, KEVIN M., US
[72] BOTTENUS, RALPH E., US
[72] KUNG, CHUN, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2018-07-31
[86] 2017-02-10 (PCT/US2017/017360)
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[30] US (62/294,367) 2016-02-12

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[25] EN
[54] **SYSTEMS AND METHODS FOR GROWTH OF INTESTINAL CELLS IN MICROFLUIDIC DEVICES**
[54] **SYSTEMES ET PROCEDES DE MISE EN CROISSANCE DE CELLULES INTESTINALES DANS DES DISPOSITIFS MICROFLUIDIQUES**
[72] BARRETT, ROBERT, US
[72] SVENDSEN, CLIVE, US
[72] TARGAN, STEPHAN R., US
[72] WORKMAN, MICHAEL, US
[72] SAREEN, DHRUV, US
[72] RAJAMANI, UTHRA, US
[71] CEDARS-SINAI MEDICAL CENTER, US
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[25] EN
[54] **SYSTEM AND METHOD FOR ADJUSTING DENTAL X-RAY EXPOSURE**
[54] **SYSTEME ET PROCEDE POUR REGLER UNE EXPOSITION DENTAIRE AUX RAYONS X**
[72] LIU, XINQIAO, US
[72] FOWLER, BOYD, US
[71] BAE SYSTEMS IMAGING SOLUTIONS INC., US
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[54] **METHOD FOR REGULATING THE REGENERATION TIME OF AN ADSORPTION DRYER AND ADSORPTION DRYER IMPLEMENTING SUCH A METHOD**
[54] **PROCEDE DE REGULATION DU TEMPS DE REGENERATION D'UN SECHOIR A ADSORPTION ET SECHOIR A ADSORPTION METTANT EN □UVRE UN TEL PROCEDE**
[72] HERMANS, HANS MARIA KAREL, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
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[86] 2017-02-13 (PCT/BE2017/000012)
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[25] EN
[54] **RETAIL SHOPPING FACILITY-BASED USE OF TIME AND LOCATION CODES WITH PHYSICAL ITEMS**
[54] **UTILISATION DE CODES D'HEURE ET D'EMPLACEMENT AVEC DES ARTICLES PHYSIQUES AU SEIN D'UNE INSTALLATION DE COMMERCE DE DETAIL**
[72] SNELGROVE, ROGER L., US
[71] WALMART APOLLO, LLC, US
[85] 2018-07-31
[86] 2017-02-02 (PCT/US2017/016173)
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[51] **Int.Cl. H01M 2/14 (2006.01) H01M 10/058 (2010.01) C08K 3/04 (2006.01) C08K 3/28 (2006.01) C08K 3/38 (2006.01) C08L 33/24 (2006.01) C08L 33/26 (2006.01) H01M 10/04 (2006.01)**
[25] EN
[54] **NANO-POROUS BNNT COMPOSITE WITH THERMAL SWITCHING FOR ADVANCED BATTERIES**
[54] **COMPOSITE DE BNNT NANOPOREUX A COMMUTATION THERMIQUE POUR ACCUMULATEURS AVANCES**
[72] DUSHATINSKI, THOMAS G., US
[72] HUVARD, GARY S., US
[72] WHITNEY, R. ROY, US
[72] JORDAN, KEVIN C., US
[72] PEDRAZZOLI, DIEGO, US
[72] SMITH, MICHAEL W., US
[72] STEVENS, JONATHAN C., US
[71] BNNT, LLC, US
[85] 2018-07-31
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[25] EN
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[54] **APPLICATEUR MASQUANT POUR ARTICLE D'HYGIENE FEMININE**
[72] FERRER, JOHN, US
[72] CAMARGO-PARODI, GUSTAVO JOSE, US
[72] GOODMAN, BENJAMIN PHILIP, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-31
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[54] **WHEELS FOR DISPLACEMENT TRUCKS**
[54] **ROUES POUR BOGIES DE TRANSLATION**
[72] CESTARI, JOSE SIQUEIRA, BR
[72] GAVA, MARCELO ROCHA, BR
[72] DE LIMA, ANDRE LUIZ CAPUA, BR
[71] VALE S.A., BR
[85] 2018-08-01
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[87] (WO2017/152247)
[30] BR (202016005359-0) 2016-03-10

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[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/18 (2011.01)**
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[54] **CANCER EVOLUTION DETECTION AND DIAGNOSTIC**
[54] **DETECTION ET DIAGNOSTIC D'EVOLUTION D'UN CANCER**
[72] ELTOUKHY, HELMY, US
[72] TALASAZ, AMIRALI, US
[71] GUARDANT HEALTH, INC., US
[85] 2018-07-31
[86] 2017-02-02 (PCT/US2017/016295)
[87] (WO2017/136603)
[30] US (62/290,375) 2016-02-02

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[51] **Int.Cl. F17C 1/06 (2006.01) F17C 1/16 (2006.01)**
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[54] **VENTED FITTING FOR PRESSURE VESSEL BOSS**
[54] **RACCORD VENTILE POUR BOSSAGE DE RECIPIENT SOUS PRESSION**
[72] YEGGY, BRIAN, US
[72] BYERLY, DUANE V., US
[71] HEXAGON TECHNOLOGY AS, NO
[85] 2018-07-31
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[51] **Int.Cl. H04W 16/18 (2009.01)**
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[54] **METHOD OF NETWORK PLANNING AND METHOD OF MINE PLANNING**
[54] **PROCEDE DE PLANIFICATION PAR RESEAU ET PROCEDE DE PLANIFICATION MINIERE**
[72] GARCIA, LUIS GUILHERME UZEDA, BR
[72] DE ALMEIDA, ERIKA PORTELA LOPES, DK
[72] LARRAD, IGNACIO RODRIGUEZ, DK
[72] BARBOSA, VIVIANE DA SILVA BORGES, BR
[72] CALDWELL, GEORGE, BR
[71] VALE S.A., BR
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[25] EN
[54] **USE OF FLORIDOSIDE OR ISETHIONIC ACID TO POTENTIATE ANTIMICROBIAL ACTIVITY OF ANTIBIOTICS**
[54] **UTILISATION DE FLORIDOSIDE OU D'ACIDE ISETHIONIQUE POUR POTENTIALISER L'ACTIVITE ANTIMICROBIENNE D'ANTIBIOTIQUES**
[72] PRITHIVIRAJ, BALAKRISHNAN, CA
[72] KULSHRESTHA, GARIMA, CA
[71] DALHOUSIE UNIVERSITY, CA
[85] 2018-08-01
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[30] US (62/290,802) 2016-02-03

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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/22 (2012.01) G06Q 20/36 (2012.01) G06Q 20/40 (2012.01) G06F 21/32 (2013.01) G06K 9/00 (2006.01)**
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[54] **ADAPTABLE AUTHENTICATION PROCESSING**
[54] **TRAITEMENT D'AUTHENTIFICATION ADAPTABLE**
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[72] PURVES, THOMAS, US
[72] ANSARI, ANSAR, US
[72] SHASTRY, VISHWANATH, US
[72] WILLIAMS, OTTO, US
[72] CARVALHO, KEVIN, US
[72] CHANDOOR, MADHURI, US
[72] GUPTA, AMIT, US
[72] KANNEMBATH, MANOJ, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[30] US (62/311,824) 2016-03-22
[30] US (62/411,587) 2016-10-22

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[25] EN
[54] **CONTAINER FOR EXPLOSIVES**
[54] **ENVELOPPE POUR EXPLOSIFS**
[72] LOPEZ PEIRANO, RICARDO, CL
[71] ENAEX SERVICIOS S.A., CL
[85] 2018-08-01
[86] 2017-01-13 (PCT/CL2017/050003)
[87] (WO2017/120691)
[30] CL (No81-2016) 2016-01-14

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[25] EN
[54] **PROCESSING APPARATUS AND METHOD FOR DETECTING PARTIAL DISCHARGE PULSES IN THE PRESENCE OF NOISE SIGNALS**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT SERVANT A DETECTER DES IMPULSIONS DE DECHARGE PARTIELLE EN PRESENCE DE SIGNAUX DE BRUIT**
[72] CANDELA, ROBERTO, IT
[72] DI STEFANO, ANTONIO, IT
[72] FISCELLI, GIUSEPPE, IT
[71] PRYSMIAN S.P.A., IT
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[72] HOSHIZAKI, THOMAS BLAINE, CA
[71] HOSHIZAKI, THOMAS BLAINE, CA
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[86] 2017-01-31 (PCT/CA2017/050109)
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[30] US (62/290,251) 2016-02-02

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[54] **GRAPHENE ET PRODUCTION DE GRAPHENE**
[72] HOFFMANN, RENE, DE
[72] NEBEL, CHRISTOPH E., DE
[72] ROSCHER, SARAH, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUE FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] DE (10 2016 202 202.4) 2016-02-12

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[25] EN
[54] **METHOD FOR PRODUCING A PROTEIN HYDROLYSATE EMPLOYING AN ASPERGILLUS FUMIGATUS TRIPEPTIDYL PEPTIDASE**
[54] **PROCEDE DE PRODUCTION D'UN HYDROLYSAT PROTEIQUE UTILISANT LA TRIPEPTIDYL-PEPTIDASE ASPERGILLUS**
[72] KRAGH, KARSTEN MATTHIAS, DK
[72] HAANING, SVEND, DK
[72] MEINJOHANNS, ERNST, DK
[72] DEGN, PETER EDVARD, DK
[72] BAK, STEFFEN YDE, DK
[72] EISELE, THOMAS, DE
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[30] US (62/299,709) 2016-02-25

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[25] EN
[54] **SYSTEMS AND METHODS FOR ALLERGEN DETECTION**
[54] **SYSTEMES ET PROCEDES POUR LA DETECTION D'ALLERGENES**
[72] GILBOA-GEFFEN, ADI, US
[72] BROWN, RENUKA BABU, US
[72] STIDHAM, SARAH, US
[72] VILLAREAL, VALERIE, US
[72] YOUNG, ADAM J., US
[72] ANTHONY, JOSHUA GLENN, US
[72] MURPHY, PATRICK, US
[72] KEPLER, JOHN H., US
[72] JACOBS, ADAM, US
[71] DOTS TECHNOLOGY CORP., US
[85] 2018-07-31
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[87] (WO2017/160616)
[30] US (62/308,376) 2016-03-15
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[25] EN
[54] **SYSTEM AND METHOD FOR CORRELATING DIVERSE LOCATION DATA FOR DATA SECURITY**
[54] **SYSTEME ET PROCEDE DE CORRELATION DE DIVERSES DONNEES DE POSITION POUR LA SECURITE DES DONNEES**
[72] SMITH, EDEN, US
[72] LIU, FREDERICK, US
[72] REEDER, MARY, US
[72] BUREAU, JOSEPH, US
[71] VISA INTERNATIONAL SERVICE ASSSOCIATION, US
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[25] EN
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[54] **ELEMENT RACCORD ROTATIF A AXES MULTIPLES DESTINE A UN TUYAU FLEXIBLE OU TUYAU RIGIDE**
[72] O'CONNOR, TIMOTHY J., US
[72] LORRAINE, STEVEN, US
[71] SWAN PRODUCTS, LLC, US
[85] 2018-07-31
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[25] EN
[54] **NONWOVEN WITH EMBOSSED MESH PATTERN**
[54] **NON-TISSE COMPORTANT UN MOTIF TREILLISSE GAUFRE**
[72] WEIS, NORBERT, DE
[72] RIEGER, CHRISTOPH, DE
[72] SCHWOEBEL, KLAUS, DE
[72] PHILIPP, DIETER, DE
[71] CARL FREUDENBERG KG, DE
[85] 2018-08-01
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[87] (WO2017/140403)
[30] DE (10 2016 001 807.0) 2016-02-17

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[51] **Int.Cl. A61K 31/50 (2006.01) A61K 31/5375 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **COMPOUNDS, COMPOSITIONS AND METHODS FOR CANCER PATIENT STRATIFICATION AND CANCER TREATMENT**
[54] **COMPOSES, COMPOSITIONS ET METHODES POUR LA STRATIFICATION DE PATIENTS CANCEREUX ET LE TRAITEMENT D'UN CANCER**
[72] WENGNER, ANTJE MARGRET, DE
[72] EIS, KNUT, DE
[72] LIENAU, PHILIP, DE
[72] SACK, ULRIKE, DE
[72] LANGE, MARTIN, DE
[72] GREULICH, HEIDI, US
[72] MEYERSON, MATTHEW, US
[72] DE WAAL, LUC, US
[72] SCHENONE, MONICA, US
[72] BURGIN, ALEX, US
[72] LEWIS, TIMOTHY A., US
[72] WU, XIAOYUN, US
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[71] THE BROAD INSTITUTE, INC., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-08-01
[86] 2017-02-03 (PCT/EP2017/052393)
[87] (WO2017/134231)
[30] US (62/291,935) 2016-02-05

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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01) G01F 23/24 (2006.01) G01F 23/26 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING SYSTEM WITH ELECTRODES**
[54] **SYSTEME GENERATEUR D'AEROSOL POURVU D'ELECTRODES**
[72] COURBAT, JEROME CHRISTIAN, CH
[72] MIRONOV, OLEG, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-08-01
[86] 2017-02-09 (PCT/EP2017/052902)
[87] (WO2017/137505)
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[51] **Int.Cl. C07D 213/76 (2006.01) A61K 31/496 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 15/08 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **CHEMICAL COMPOUNDS AS INHIBITORS OF KINASE ACTIVITY**
[54] **COMPOSES CHIMIQUES COMME INHIBITEURS DE L'ACTIVITE KINASE**
[72] ANDERSON, NIALL ANDREW, GB
[72] BARTON, NICHOLAS PAUL, GB
[72] CAMPOS, SEBASTIEN ANDRE, GB
[72] CANNONS, EDWARD PAUL, GB
[72] COOPER, ANTHONY WILLIAM JAMES, GB
[72] DOWN, KENNETH DAVID, GB
[72] DOYLE, KEVIN JAMES, GB
[72] HAMBLIN, JULIE NICOLE, GB
[72] INGLIS, GRAHAM GEORGE ADAM, GB
[72] LE GALL, ARMELLE, GB
[72] PATEL, VIPULKUMAR KANTIBHAI, GB
[72] PEACE, SIMON, GB
[72] SHARPE, ANDREW, GB
[72] WHITE, GEMMA VICTORIA, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-08-01
[86] 2017-02-10 (PCT/EP2017/052954)
[87] (WO2017/137535)
[30] GB (1602527.2) 2016-02-12

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[51] **Int.Cl. C07D 209/14 (2006.01) A61K 31/4045 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **SUBSTITUTED INDOLE DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS**
[54] **DERIVES D'INDOLE SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE LA REPLICATION DU VIRUS DE LA DENGUE**
[72] BARDIOT, DOROTHEE ALICE MARIE-EVE, BE
[72] BONFANTI, JEAN-FRANCOIS, FR
[72] KESTELEYN, BART RUDOLF ROMANIE, BE
[72] MARCHAND, ARNAUD DIDIER M., BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[71] JANSSEN PHARMACEUTICALS, INC., US
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2018-08-01
[86] 2017-03-31 (PCT/EP2017/057660)
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[30] EP (16163312.8) 2016-03-31

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[51] **Int.Cl. C07D 209/26 (2006.01) A61K 31/404 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED INDOLINE DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS**
[54] **DERIVES D'INDOLINE SUBSTITUEE UTILISES EN TANT QU'INHIBITEURS DE REPLICATION DU VIRUS DE LA DENGUE**
[72] KESTELEYN, BART RUDOLF ROMANIE, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] BONFANTI, JEAN-FRANCOIS, FR
[72] BARDIOT, DOROTHEE ALICE MARIE-EVE, BE
[72] MARCHAND, ARNAUD DIDIER M, BE
[71] JANSSEN PHARMACEUTICALS, INC., US
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2018-08-01
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[87] (WO2017/167951)
[30] EP (16163488.6) 2016-04-01

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[25] EN
[54] **SUBSTITUTED INDOLINE DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS**
[54] **DERIVES D'INDOLINE SUBSTITUEE UTILISES EN TANT QU'INHIBITEURS DE LA REPLICATION DU VIRUS DE LA DENGUE**
[72] BARDIOT, DOROTHEE ALICE MARIE-EVE, BE
[72] BONFANTI, JEAN-FRANCOIS, FR
[72] KESTELEYN, BART RUDOLF ROMANIE, BE
[72] MARCHAND, ARNAUD DIDIER M, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[71] JANSSEN PHARMACEUTICALS, INC., US
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2018-08-01
[86] 2017-03-31 (PCT/EP2017/057663)
[87] (WO2017/167953)
[30] EP (16163281.5) 2016-03-31

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[51] **Int.Cl. A61K 31/404 (2006.01) A61P 31/12 (2006.01) C07D 209/14 (2006.01) C07D 491/048 (2006.01) C07F 9/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED INDOLE COMPOUND DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS**
[54] **DERIVES D'INDOLE SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE REPLICATION DU VIRUS DE LA DENGUE**
[72] BARDIOT, DOROTHEE ALICE MARIE-EVE, BE
[72] BONFANTI, JEAN-FRANCOIS, FR
[72] COESEMANS, ERWIN, BE
[72] KESTELEYN, BART RUDOLF ROMANIE, BE
[72] MARCHAND, ARNAUD DIDIER M., BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[71] JANSSEN PHARMACEUTICALS, INC., US
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2018-08-01
[86] 2017-03-31 (PCT/EP2017/057662)
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[30] EP (16163482.9) 2016-04-01

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[51] **Int.Cl. G06Q 20/20 (2012.01) G06Q 20/40 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF SPECIALLY FORMATTED DATA SETS FOR OPTIMIZATION OF ACQUIRER PERFORMANCE**
[54] **IDENTIFICATION D'ENSEMBLES DE DONNEES SPECIALEMENT FORMATES POUR L'OPTIMISATION DES PERFORMANCES D'ACQUEREUR**
[72] HACEATUREAN, ALEXANDR, IE
[72] ISAMUKHAMEDOV, SHAVKAT, RU
[72] BOSMANS, KOEN, BE
[72] BOUJTAT, ALI, BE
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-08-01
[86] 2016-02-03 (PCT/IB2016/000279)
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[25] EN
[54] **NOVEL BIAROMATIC PROPYNYL COMPOUNDS, PHARMACEUTICAL AND COSMETIC COMPOSITIONS CONTAINING SAME, AND USES THEREOF**
[54] **NOUVEAUX COMPOSES PROPYNYL BI-AROMATIQUES, COMPOSITIONS PHARMACEUTIQUES ET COSMETIQUES LES CONTENANT ET UTILISATIONS**
[72] PORTAL, THIBAUD, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
[85] 2018-08-01
[86] 2017-02-03 (PCT/IB2017/000075)
[87] (WO2017/134513)
[30] US (62/290,707) 2016-02-03

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[51] **Int.Cl. A61J 1/10 (2006.01) A61K 9/08 (2006.01) A61K 31/167 (2006.01) A61L 2/07 (2006.01)**
[25] EN
[54] **PROCESS OF MANUFACTURING A STABLE, READY TO USE INFUSION BAG FOR AN OXIDATION SENSITIVE FORMULATION**
[54] **PROCEDE DE FABRICATION D'UNE POCHE POUR PERFUSION INTRAVEINEUSE STABLE ET PRETE A L'EMPLOI POUR UNE FORMULATION SENSIBLE A L'OXYDATION**
[72] HINGORANI, TUSHAR, US
[72] KUNADHARAJU, SASANK CHAITANYA, US
[72] MALKAN, TUSHAR, US
[72] PEJAVER, SATISH, US
[71] INNOPHARMA, INC., US
[85] 2018-08-01
[86] 2017-01-23 (PCT/IB2017/050341)
[87] (WO2017/134540)
[30] US (62/291,589) 2016-02-05

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[13] A1
[51] **Int.Cl. G01J 1/50 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE DETECTION OF EXPOSURE TO ULTRAVIOLET LIGHT**
[54] **PROCEDE ET APPAREIL DE DETECTION D'UNE EXPOSITION A UNE LUMIERE ULTRAVIOLETTE**
[72] SWEETING, CHAD MITCHELL, CA
[72] JOUPPI, DEREK MATTI HARRY, CA
[72] MARTINKO, ANDREW BRADLEY, CA
[72] GIBSON, MARC WILLIAM, CA
[72] WU, TIM, CA
[72] DANG, KEVIN QUANG VINH, CA
[72] MILLS, CAMERON SPENCER, CA
[72] CHANG, SABRINA CHWEN-HUEI, CA
[71] 8996598 CANADA INC., CA
[85] 2018-08-01
[86] 2017-02-01 (PCT/IB2017/050547)
[87] (WO2017/134583)
[30] US (62/290,140) 2016-02-02
[30] US (62/436,844) 2016-12-20

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[13] A1
[51] **Int.Cl. C01B 3/38 (2006.01) C25B 1/00 (2006.01) C25B 9/10 (2006.01)**
[25] EN
[54] **CARBON MONOXIDE PRODUCTION PROCESS OPTIMIZED BY SOEC**
[54] **PROCEDE DE PRODUCTION DE MONOXYDE DE CARBONE OPTIMISE PAR SOEC (CELLULE D'ELECTROLYSE A OXYDE SOLIDE)**
[72] WENE, HENRIK C.O., SE
[71] HALDOR TOPSOE A/S, DK
[85] 2018-08-01
[86] 2017-02-20 (PCT/EP2017/053765)
[87] (WO2017/144403)
[30] DK (PA 2016 00122) 2016-02-26

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[51] **Int.Cl. B01D 61/24 (2006.01) B01D 63/02 (2006.01) B01D 69/08 (2006.01) D02G 1/00 (2006.01) B01D 67/00 (2006.01) B01D 71/62 (2006.01) B01D 71/68 (2006.01) D01F 6/06 (2006.01) D02G 1/14 (2006.01)**
[25] EN
[54] **HOLLOW-FIBRE MEMBRANE HAVING THREE-DIMENSIONAL CURL**
[54] **MEMBRANE DE FIBRES CREUSES DOTEE D'UNE FRISURE TRIDIMENSIONNELLE**
[72] LANG, ARMIN, DE
[72] BECHTEL, DIETER, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2018-08-01
[86] 2017-03-01 (PCT/EP2017/054768)
[87] (WO2017/149011)
[30] DE (10 2016 002 440.2) 2016-03-01

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[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/56 (2006.01) A61K 31/575 (2006.01) A61K 31/58 (2006.01) A61P 31/18 (2006.01) C12N 9/50 (2006.01)**
[25] EN
[54] **C-3 AND C-17 MODIFIED TRITERPENOIDS AS HIV-1 INHIBITORS**
[54] **TRITERPENOIDES MODIFIES EN C-3 ET C-17 UTILISES COMME INHIBITEURS DU VIH-1**
[72] CHEN, JIE, US
[72] CHEN, YAN, US
[72] DICKER, IRA B., US
[72] HARTZ, RICHARD A, US
[72] MEANWELL, NICHOLAS A, US
[72] NOWICKA-SANS, BEATA, US
[72] REGUEIRO-REN, ALICIA, US
[72] SIT, SING-YUEN, US
[72] SIN, NY, US
[72] SWIDORSKI, JACOB, US
[72] VENABLES, BRIAN LEE, US
[71] VIIV HEALTHCARE UK (NO.5) LIMITED, GB
[85] 2018-08-01
[86] 2017-02-02 (PCT/IB2017/050568)
[87] (WO2017/134596)
[30] US (62/291,298) 2016-02-04

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/10 (2009.01)**
[25] EN
[54] **MOBILE SECURITY OFFLOADER**
[54] **ELEMENT DE DECHARGEMENT DE SECURITE MOBILE**
[72] SCHWARTZ, JONATHAN, IL
[72] MALKA, FRANCK, IL
[71] JPU.IO LTD, IL
[85] 2018-08-01
[86] 2017-02-11 (PCT/IB2017/050772)
[87] (WO2017/137959)
[30] US (62/294,482) 2016-02-12
[30] US (15/098,899) 2016-04-14

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[13] A1
[51] **Int.Cl. C25C 7/02 (2006.01) C25C 7/00 (2006.01)**
[25] EN
[54] **SAFE ANODE FOR ELECTROCHEMICAL CELLS**
[54] **ANODE SECURISEE POUR CELLULES ELECTROCHIMIQUES**
[72] PRADO PUEO, FELIX, ES
[71] INDUSTRIE DE NORA, S.P.A., IT
[85] 2018-08-01
[86] 2017-04-26 (PCT/IB2017/052403)
[87] (WO2017/187357)
[30] ES (P201630554) 2016-04-29

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **FLAVOR INHALER**
[54] **INHALATEUR D'AROME**
[72] NAKANO, TAKUMA, JP
[72] TAKEUCHI, MANABU, JP
[72] SUZUKI, AKIHIKO, JP
[72] YAMADA, MANABU, JP
[71] JAPAN TOBACCO INC., JP
[85] 2018-08-01
[86] 2016-02-16 (PCT/JP2016/054487)
[87] (WO2017/141358)

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[13] A1
[51] **Int.Cl. A61B 5/04 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **ELECTRODE CATHETER**
[54] **CATHETER A ELECTRODES**
[72] MASUDA, TAKUYA, JP
[72] SASAKI, TAKUYA, JP
[71] JAPAN LIFELINE CO., LTD., JP
[85] 2018-08-01
[86] 2016-12-16 (PCT/JP2016/087523)
[87] (WO2017/145503)
[30] JP (2016-034868) 2016-02-25
[30] JP (2016-104152) 2016-05-25

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[13] A1
[51] **Int.Cl. F16L 55/10 (2006.01)**
[25] EN
[54] **COMPOSITE CONICAL SLEEVE**
[54] **MANCHON CONIQUE COMPOSITE**
[72] VINOKUROV, VALERIY IVANOVICH, RU
[72] YUDIN, VALERIY VLADIMIROVICH, RU
[72] MUGINOV, ROMAN RADIFOVICH, RU
[71] VINOKUROV, VALERIY IVANOVICH, RU
[71] YUDIN, VALERIY VLADIMIROVICH, RU
[71] MUGINOV, ROMAN RADIFOVICH, RU
[85] 2018-08-01
[86] 2017-12-04 (PCT/IB2017/057607)
[87] (WO2018/134657)
[30] RU (2017101774) 2017-01-20

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[13] A1
[51] **Int.Cl. A61N 1/39 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **INTRACARDIAC DEFIBRILLATION CATHETER**
[54] **CATHETER DE DEFIBRILLATION INTRACARDIAQUE**
[72] SASAKI, TAKUYA, JP
[71] JAPAN LIFELINE CO., LTD., JP
[85] 2018-08-01
[86] 2016-12-16 (PCT/JP2016/087524)
[87] (WO2017/149904)
[30] JP (2016-038472) 2016-02-29

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[13] A1
[51] **Int.Cl. H04W 74/04 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS, COMMUNICATION SYSTEM, INFORMATION PROCESSING METHOD, AND PROGRAM**
[54] **DISPOSITIF DE TRAITEMENT D'INFORMATIONS, SYSTEME DE COMMUNICATION, PROCEDE DE TRAITEMENT D'INFORMATIONS, ET PROGRAMME**
[72] MORIOKA, YUICHI, JP
[72] SUGAYA, SHIGERU, JP
[71] SONY CORPORATION, JP
[85] 2018-08-01
[86] 2016-12-21 (PCT/JP2016/088021)
[87] (WO2017/145509)
[30] JP (2016-034687) 2016-02-25

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[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 28/04 (2009.01)**
[25] EN
[54] **TERMINAL DEVICE, BASE STATION DEVICE, AND COMMUNICATION METHOD**
[54] **DISPOSITIF TERMINAL, STATION DE BASE ET PROCEDE DE COMMUNICATION**
[72] SHIMEZAWA, KAZUYUKI, JP
[71] SONY CORPORATION, JP
[85] 2018-08-01
[86] 2017-01-24 (PCT/JP2017/002263)
[87] (WO2017/169003)
[30] JP (2016-070602) 2016-03-31

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[13] A1
[51] **Int.Cl. H04N 21/2362 (2011.01) H04H 20/93 (2009.01) H04H 60/13 (2009.01) H04H 60/82 (2009.01) H04N 21/435 (2011.01)**
[25] EN
[54] **RECEPTION APPARATUS, TRASMISSION APPARATUS, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF D'EMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[72] IGARASHI, TATSUYA, JP
[72] DEWA, YOSHIHARU, JP
[71] SONY CORPORATION, JP
[85] 2018-08-01
[86] 2017-02-01 (PCT/JP2017/003531)
[87] (WO2017/141701)
[30] JP (2016-026420) 2016-02-15

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[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) A61K 35/407 (2015.01) G01N 33/50 (2006.01)**
[25] EN
[54] **IMPROVED PREPARATIONS OF ADULT LIVER PROGENITOR CELLS**
[54] **PREPARATIONS AMELIOREES DE CELLULES PROGENITRICES HEPATIQUES ADULTES**
[72] LOMBARD, CATHERINE, BE
[72] DOLLET, PIERRE-EDOUARD, BE
[72] SOKAL, ETIENNE, BE
[72] NAJIMI, MUSTAPHA, BE
[71] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE
[85] 2018-08-01
[86] 2017-03-02 (PCT/EP2017/054859)
[87] (WO2017/149059)
[30] EP (16158327.3) 2016-03-02

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[13] A1
[51] **Int.Cl. C07D 211/36 (2006.01) A61K 31/435 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED PIPERIDINE COMPOUND AND USE THEREOF**
[54] **COMPOSE DE PIPERIDINE SUBSTITUEE ET SON UTILISATION**
[72] FUJIMOTO, TATSUHIKO, JP
[72] RIKIMARU, KENTARO, JP
[72] FUKUDA, KOICHIRO, JP
[72] SUGIMOTO, HIROMICHI, JP
[72] MATSUMOTO, TAKAHIRO, JP
[72] TOKUNAGA, NORIHITO, JP
[72] HIROZANE, MARIKO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-08-01
[86] 2017-02-01 (PCT/JP2017/003610)
[87] (WO2017/135306)
[30] JP (2016-019834) 2016-02-04

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[13] A1
[51] **Int.Cl. A61K 9/50 (2006.01) A61K 31/145 (2006.01)**
[25] EN
[54] **PROLONGED RELEASE PHARMACEUTICAL COMPOSITION COMPRISING CYSTEAMINE OR SALT THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE A LIBERATION PROLONGEE COMPRENANT DE LA CYSTEAMINE OU UN SEL DE CELLE-CI**
[72] GAZZANIGA, ANDREA, IT
[72] CEREA, MATTEO, IT
[72] MARONI, ALESSANDRA, IT
[72] BARCHIELLI, MARCO, IT
[71] RECORDATI INDUSTRIA CHIMICA E FARMACEUTICA S.P.A., IT
[85] 2018-08-01
[86] 2017-03-14 (PCT/EP2017/055964)
[87] (WO2017/157922)
[30] IT (UA2016A001799) 2016-03-18

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[54] **PROCEDE DE FABRICATION DE STRUCTURE A AUBES**
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[72] INOUE, KAORU, JP
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[54] **EMETTEUR OPTIQUE ET PROCEDE DE SURVEILLANCE D'INTENSITE LUMINEUSE**
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[72] ITO, TOSHIO, JP
[72] FUJIWARA, NAOKI, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
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[54] **GYPSUM-BASED BOARD MATERIAL PRODUCING APPARATUS**
[54] **APPAREIL DE FABRICATION DE PLAQUE DE PLATRE**
[72] HIROOKA, YUICHI, JP
[72] ISHIBASHI, SEIGO, JP
[72] YOSHIDA, MASARU, JP
[71] YOSHINO GYPSUM CO., LTD., JP
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[54] **DERIVE DE SULFONAMIDE ET COMPOSITION PHARMACEUTIQUE LE CONTENANT**
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[72] NOGUCHI, MASATSUGU, JP
[72] KAWAHIRA, MIZUKI, JP
[72] IWASAKI, KANA, JP
[72] HAYAKAWA, NOBUHIKO, JP
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[72] SAITOU, YUKI, JP
[72] YAMAURA, YUI, JP
[72] ANDO, AYATOSHI, JP
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[54] **POMPE A PERFUSION AMBULATOIRE HYBRIDE AVEC TRANSMISSION DE PUISSANCE SANS CONTACT**
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[71] PERQFLO, LLC, US
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[54] **CAPACITE DE MAINTIEN D'ALIMENTATION EN CAS DE PANNE POUR EOLIENNE**
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[54] **FERRULE DE CONNECTEUR OPTIQUE ET CONNECTEUR OPTIQUE**
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[72] WATANABE, TAKURO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **CARRIER AND BAND ASSEMBLY FOR IDENTIFYING AND MANAGING A COMPONENT OF A SYSTEM ASSOCIATED WITH A WELLHEAD**
[54] **ENSEMBLE SUPPORT ET BANDE POUR IDENTIFIER ET GERER UN ELEMENT D'UN SYSTEME ASSOCIE A UNE TETE DE PUITS**
[72] WARD, BEN, US
[72] MYERS, JEFF, US
[72] LANDRUM, CONNOR, US
[72] SMITH, PRESTON, US
[71] S.P.M. FLOW CONTROL, INC., US
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[54] **LOGICIEL DE CONFIDENTIALITE D'ECRAN COMMANDEE PAR L'UTILISATEUR**
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[71] QUALCOMM INCORPORATED, US
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[72] KHODAPARAST, PAYAM, US
[72] HAYS, DAVID S., US
[72] SHERIDAN, MARGARET M., US
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[54] **COMPOSITE POLYMER ELECTROLYTE MEMBRANE, AND MEMBRANE ELECTRODE ASSEMBLY AND SOLID POLYMER FUEL CELL USING SAME**
[54] **MEMBRANE ELECTROLYTIQUE DE POLYMERE COMPOSITE, ET COMPOSITE D'ELECTRODE A MEMBRANE ET PILE A COMBUSTIBLE DE POLYMERE SOLIDE UTILISANT CELLE-CI**
[72] OKAMOTO, YUMIKO, JP
[72] IZUHARA, DAISUKE, JP
[72] YAMAGUCHI, JUNPEI, JP
[72] SHIRAI, SHUSUKE, JP
[72] KUNITA, TOMOYUKI, JP
[72] UMEDA, HIROAKI, JP
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[72] ITO, TATSUNORI, JP
[72] MICHIHATA, NORIKO, JP
[72] TARAO, TAKASHI, JP
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[71] JAPAN VILENE COMPANY, LTD., JP
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[54] **COMPOSES DE FUSION PARATHORMONE-ANTICORPS ANTI-RANKL**
[72] KORYTKO, ANDREW, US
[72] MA, YANFEI L., US
[72] DATTA-MANNAN, AMITA, US
[72] OBUNGU, VICTOR H., US
[71] ELI LILLY AND COMPANY, US
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[54] **MACHINE ET PROCEDE D'INSPECTION D'OBJETS DEFILANT EN FLUX**
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[72] LE CORRE, GWENAELE, FR
[71] PELLENC SELECTIVE TECHNOLOGIES (SOCIETE ANONYME), FR
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[54] **SERVITEURS DE DOUCHE A PANIERS REGLABLES**
[72] ENGELL, DAVID HARRY, US
[71] MAYTEX MILLS, INC., US
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[54] **GENERIC TEST FRAMEWORK FOR SERVICE INTERFACES**
[54] **CADRE D'APPLICATIONS DE TEST GENERIQUE POUR INTERFACES DE SERVICE**
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[72] VOHRA, NISCHAL, IN
[71] SUNGARD AVAILABILITY SERVICES, LP, US
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[54] **HEATING & VENTILATION SYSTEM**
[54] **SYSTEME DE CHAUFFAGE ET DE VENTILATION**
[72] JONES, DAVID, GB
[71] JONES, JOAN PHILOMENA, GB
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[54] **INHALATEUR D'AROME NON COMESTIBLE, PROCEDE, PROGRAMME ET MOYEN DE STOCKAGE**
[72] TAKEUCHI, MANABU, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[71] JAPAN TOBACCO INC., JP
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[54] **SYSTEME A LUMIERE PULSEE**
[72] WILLIAMS, DAVID, GB
[72] WOFFENDIN, JEREMY, GB
[72] BROWN, MARTIN, GB
[71] HERAEUS NOBLELIGHT LTD, GB
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[71] CATERPILLAR TRIMBLE CONTROL TECHNOLOGIES LLC, US
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[54] **POCHE STOMIQUE AVEC ADAPTATEUR DE DRAINAGE DE NUIT**
[72] GRUM-SCHWENSEN, CHRISTEN, DK
[72] TORSTENSEN, JAN, DK
[72] MAACK, METTE DYBENDAL, DK
[72] NIELSEN, KENNETH, DK
[72] RICHMANN, SUSSIE, DK
[72] WOHLGEMUTH, JAN, DK
[72] MOLLER-JENSEN, PETER, DK
[72] SKJODT, OLE, DK
[71] HOLLISTER INCORPORATED, US
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[54] **SEL DE TYPE SUCCINATE DE CYTISINE ET SON UTILISATION**
[72] CLARKE, ANTHONY, GB
[72] STEWART, RICHARD ALLISTAIR, GB
[72] WILLIS, ANDREW GARETH, GB
[71] ACHIEVE PHARMA UK LIMITED, GB
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[54] **VEHICLE SYSTEMS AND METHODS TO SUPPORT THE DISTRIBUTION OF PRODUCTS**
[54] **SYSTEMES POUR VEHICULES ET PROCEDES D'ASSISTANCE A LA DISTRIBUTION DE PRODUITS**
[72] HARPER, THOMAS L., US
[72] ALLEN, WILLIAM ROSS, US
[72] BLAIR, RICHARD MONTGOMERYMERY, II, US
[71] WALMART APOLLO, LLC, US
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[54] **SYSTEM AND METHOD FOR TREATING SLEEP APNEA WHILE STRAIGHTENING TEETH**
[54] **SYSTEME ET PROCEDE POUR TRAITER L'APNEE DU SOMMEIL TOUT EN REDRESSANT DES DENTS**
[72] FRANTZ, DONALD, US
[72] FRANTZ, JOSEPH, US
[72] ANDERSON, MARGARET M., US
[71] FRANTZ DESIGN INCORPORATED, US
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[54] **MESENCHYMAL STEM CELLS AS VACCINE ADJUVANTS AND METHODS FOR USING THE SAME**
[54] **CELLULES SOUCHES MESENCHYMATEUSES EN TANT QU'ADJUVANTS DE VACCIN ET LEURS PROCEDES D'UTILISATION**
[72] HARE, JOSHUA M., US
[72] LANDIN, ANA MARIE, US
[71] LONGEVERON LLC, US
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[54] **CONJUGUES ANTICORPS-MEDICAMENT CIBLANT LA GCC**
[72] VEIBY, OLE PETER, US
[72] CHARI, RAVI V. J., US
[72] LAMBERT, JOHN M., US
[72] LAI, KATHARINE C., US
[72] HERBST, ROBERT W., US
[72] HILDERBRAND, SCOTT A., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[71] IMMUNOGEN, INC., US
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[54] **COMPOSITIONS AND METHODS FOR INVASIVE AND NON-INVASIVE PROCEDURAL SKINCARE**
[54] **COMPOSITIONS ET METHODES POUR PROCEDURES INVASIVES ET NON INVASIVES DE SOINS CUTANES**
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[72] GARRUTO, JOHN A., US
[71] ALASTIN SKINCARE, INC., US
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[54] **DISPOSITIFS ET PROCEDES DE TRANSFERT DE FLUIDE A TRAVERS UN CATHETER INTRAVEINEUX PERIPHERIQUE POSE**
[72] DEVGON, PITAMBER, US
[72] EHRENREICH, KEVIN J., US
[72] BRIGANTI, RICHARD THOMAS, US
[71] VELANO VASCULAR, INC., US
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[54] **FORMULATIONS D'ADHESIFS A SOLVANTS ORGANIQUES**
[72] PARHAR, AMRIT, US
[72] PEREZ, WILLIE, US
[71] OATEY CO., US
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[54] **SORTIE RETRACTABLE POUR POCHE DE STOMIE**
[72] GRUM-SCHWENSEN, CHRISTEN, DK
[72] TORSTENSEN, JAN, DK
[72] MAACK, METTE DYBENDAL, DK
[72] NIELSEN, KENNETH, DK
[72] RICHMANN, SUSSIE, DK
[72] WOHLGEMUTH, JAN, DK
[72] MOLLER-JENSEN, PETER, DK
[72] SKJODT, OLE, DK
[71] HOLLISTER INCORPORATED, US
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[54] **HUMANIZED ANTI-CD3 ANTIBODIES, CONJUGATES AND USES THEREOF**
[54] **ANTICORPS HUMANISES ANTI-CD3, CONJUGUES ET LEURS UTILISATIONS**
[72] KIM, CHANHYUK, KR
[72] YOUNG, TRAVIS, US
[72] KIM, MINSOO, US
[72] MA, JENNIFER, US
[72] PRESTA, LEONARD, US
[72] SCHULTZ, PETER G., US
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[54] **ELEVATED WORKING PLATFORM AND RELATED METHODS**
[54] **PLATE-FORME DE TRAVAIL ELEVEE ET PROCEDES ASSOCIES**
[72] RUSSELL, BRIAN, US
[72] MOSS, N. RYAN, US
[71] WING ENTERPRISES, INCORPORATED, US
[85] 2018-08-01
[86] 2017-02-03 (PCT/US2017/016430)
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[51] **Int.Cl. C12P 7/06 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **LOW PRESSURE SEPARATOR HAVING AN INTERNAL DIVIDER AND USES THEREFOR**
[54] **SEPARATEUR BASSE PRESSION POURVU D'UN SEPARATEUR INTERNE ET SES UTILISATIONS**
[72] SCHULTZ, MICHAEL ANTHONY, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2018-08-01
[86] 2017-02-03 (PCT/US2017/016501)
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[51] **Int.Cl. C12P 7/06 (2006.01) C12M 1/00 (2006.01)**
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[54] **PRODUCT MANAGEMENT IN BIOLOGICAL CONVERSION PROCESSES**
[54] **GESTION DE PRODUITS DANS DES PROCESSUS DE CONVERSION BIOLOGIQUE**
[72] SCHULTZ, MICHAEL ANTHONY, US
[72] RAISER, THOMAS EWALD, CH
[72] BRENC, RACHEL JANE, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
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[25] EN
[54] **COMPOSITIONS CONTAINING TUCARESOL OR ITS ANALOGS**
[54] **COMPOSITIONS CONTENANT DU TUCARESOL OU SES ANALOGUES**
[72] HUANG, LAN, US
[72] MOHANLAL, RAMON, US
[72] LLOYD, GEORGE KENNETH, US
[71] BEYONDSPRING PHARMACEUTICALS, INC., US
[85] 2018-08-01
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[54] **PREPARED PLATED MEDIA PRODUCT**
[54] **PRODUIT PREPARE POUR MILIEUX, SOUS FORME DE PLAQUES**
[72] CRANDALL, RYAN D., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-08-01
[86] 2017-02-07 (PCT/US2017/016810)
[87] (WO2017/139259)
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[25] EN
[54] **LOCKABLE ENCLOSURE WITH COMBINATION LOCKING MECHANISM**
[54] **ENCEINTE VERROUILLABLE AVEC MECANISME DE VERROUILLAGE A COMBINAISON**
[72] SANFORD, ERIC, US
[71] MASTER LOCK COMPANY LLC, US
[85] 2018-08-01
[86] 2017-02-09 (PCT/US2017/017148)
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[30] US (62/294,480) 2016-02-12

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[51] **Int.Cl. A61K 9/50 (2006.01) A61K 31/225 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL BEAD FORMULATIONS COMPRISING DIMETHYL FUMARATE**
[54] **FORMULATIONS PHARMACEUTIQUES DE BILLES COMPRENANT DU DIMETHYLFUMARATE**
[72] KARKI, SHYAM B., US
[72] ZAWANEH, PETER, US
[72] LEUNG, CHEUK-YUI, US
[72] VASUDEVAN, KALYAN, US
[72] LIN, YIQING, US
[72] XU, JIN, US
[72] TREMENTOZZI, ANDREA, US
[72] NESTOROV, IVAN, US
[71] BIOGEN MA INC., US
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[86] 2017-02-08 (PCT/US2017/016934)
[87] (WO2017/139331)
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[25] EN
[54] **METHODS FOR TREATMENT AND PROPHYLAXIS OF HIV AND AIDS**
[54] **METHODES DE PREVENTION ET DE TRAITEMENT DU VIH ET DU SIDA**
[72] HAZUDA, DARIA, US
[72] MILLER, MICHAEL D., US
[72] GROBLER, JAY A., US
[72] NICOLL-GRIFFITH, DEBORAH ANNE, CA
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-08-01
[86] 2017-02-10 (PCT/US2017/017283)
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[30] US (62/294,576) 2016-02-12
[30] US (62/297,657) 2016-02-19

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[25] FR
[54] **METHOD FOR ESTABLISHING SECURE COMMUNICATION BETWEEN A PAYMENT TERMINAL AND AN ENCASHMENT DEVICE**
[54] **PROCEDE D'ETABLISSEMENT DE COMMUNICATION SECURISE ENTRE UN TERMINAL DE PAIEMENT ET UN DISPOSITIF D'ENCAISSEMENT**
[72] QUENTIN, PIERRE, FR
[72] MARCON, JEROME, FR
[71] INGENICO GROUP, FR
[85] 2018-08-01
[86] 2017-01-27 (PCT/EP2017/051864)
[87] (WO2017/133988)
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[25] EN
[54] **CORROSION-RESISTANT COMPOSITION**
[54] **COMPOSITION ANTI-CORROSION**
[72] GELLING, VICTORIA J., US
[72] DEBROY, TAPAN, US
[72] LUNDEEN, PHYLLIS A., US
[72] BROGLY, BRANDON J., US
[71] SWIMC LLC, US
[85] 2018-08-01
[86] 2017-02-10 (PCT/US2017/017383)
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[30] US (62/293,628) 2016-02-10
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[25] EN
[54] **PROCESS FOR HEAT SETTING TWISTED, BULKED CONTINUOUS FILAMENT YARN**
[54] **PROCEDE DE THERMOFIXAGE D'UN FIL CONTINU GONFLANT RETORDU**
[72] RITTENHOUSE, RONNIE, US
[72] TUNG, WAE-HAI, US
[71] INVISTA TEXTILES (U.K.) LIMITED, GB
[85] 2018-08-01
[86] 2017-02-08 (PCT/US2017/016969)
[87] (WO2017/139351)
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[25] EN
[54] **MOISTURIZING COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS HYDRATANTES ET UTILISATIONS ASSOCIEES**
[72] FIELDS, KATHY ANN, US
[72] RODAN, KATHRYN PREGERSON, US
[72] MAJEWSKI, GEORGE PAUL, US
[72] FALLA, TIMOTHY JOHN, US
[72] LE, DZUNG Q., US
[71] RODAN & FIELDS, LLC, US
[85] 2018-08-01
[86] 2017-02-13 (PCT/US2017/017671)
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[51] **Int.Cl. A61B 3/08 (2006.01)**
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[54] **SYSTEM AND DEVICE FOR PROMOTING EYE ALIGNMENT**
[54] **SYSTEME ET DISPOSITIF POUR FAVORISER L'ALIGNEMENT DES YEUX**
[72] KESHISHIAN, ARA, US
[71] KESHISHIAN, ARA, US
[85] 2018-08-01
[86] 2017-02-13 (PCT/US2017/017667)
[87] (WO2017/139763)
[30] US (62/294,135) 2016-02-11

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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **IMMUNOTHERAPY COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS D'IMMUNOTHERAPIE ET METHODES ASSOCIEES**
[72] NOVINA, CARL, US
[72] DISTEL, ROBERT, US
[72] NOBILI, ALBERTO, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-08-01
[86] 2017-02-16 (PCT/US2017/018216)
[87] (WO2017/143094)
[30] US (62/295,867) 2016-02-16

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[25] EN
[54] **APPLICATOR FOR FEMININE CARE PRODUCT**
[54] **APPLICATEUR POUR PRODUIT D'HYGIENE FEMININE**
[72] CAMARGO-PARODI, GUSTAVO JOSE, US
[72] FERRER, JOHN, US
[72] GOODMAN, BENJAMIN PHILIP, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-08-01
[86] 2017-02-28 (PCT/US2017/019810)
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[30] US (62/301,241) 2016-02-29
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[25] EN
[54] **MEASUREMENT OF WORM GEARS**
[54] **MESURE D'ENGRENAGES A VIS SANS FIN**
[72] COWAN, MARK E., US
[72] WAGAJ, PARAG P., US
[71] GLEASON METROLOGY SYSTEMS CORPORATION, US
[85] 2018-08-01
[86] 2017-02-28 (PCT/US2017/019822)
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **QUINOLINE ANALOGS AS PHOSPHATIDYLINOSITOL 3-KINASE INHIBITORS**
[54] **ANALOGUES DE QUINOLEINE EN TANT QU'INHIBITEURS DE PHOSPHATIDYLINOSITOL 3-KINASE**
[72] HAO, XIAOLIN, US
[71] HANGZHOU ZHENGXIANG PHARMACEUTICALS CO., LTD., CN
[85] 2018-08-01
[86] 2017-02-28 (PCT/US2017/019970)
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[30] US (62/304,148) 2016-03-05

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[51] **Int.Cl. F16B 13/08 (2006.01) F16B 13/00 (2006.01) F16B 13/04 (2006.01) F16B 13/06 (2006.01) F16B 19/10 (2006.01)**
[25] EN
[54] **REMOVABLE, SINGLE SIDE FASTENER WITH ULTRA-LOW STACK HEIGHT GRIP RANGE, COMPONENTS, AND METHODS FOR MAKING AND USING THE SAME**
[54] **ELEMENT DE FIXATION A UN SEUL COTE ET AMOVIBLE AYANT UNE PORTEE DE PREHENSION DE HAUTEUR D'EMPILEMENT ULTRA FAIBLE, COMPOSANTS, ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELUI-CI**
[72] MCCLURE, TRAVIS, US
[71] CENTRIX INC., US
[85] 2018-08-01
[86] 2017-03-17 (PCT/US2017/023070)
[87] (WO2017/161336)
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[25] EN
[54] **METHOD AND SYSTEM FOR ENABLING AT SURFACE CORE ORIENTATION DATA TRANSFER**
[54] **PROCEDE ET SYSTEME POUR PERMETTRE UN TRANSFERT DE DONNEES D'ORIENTATION DE SONDAGE A LA SURFACE**
[72] MCLEOD, GAVIN, AU
[72] BROWN, KELVIN, AU
[71] REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD, AU
[85] 2018-08-02
[86] 2017-02-03 (PCT/AU2017/050093)
[87] (WO2017/132736)
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[51] **Int.Cl. A63B 60/14 (2015.01) A63B 59/70 (2015.01) A63B 60/08 (2015.01) B29C 61/02 (2006.01)**
[25] EN
[54] **BLADE PROTECTOR AND GRIP**
[54] **POIGNEE ET PROTEGE-PALETTE**
[72] WRIGHT, LEE, CA
[71] 9206558 CANADA CORPORATION, CA
[85] 2018-08-02
[86] 2016-03-09 (PCT/CA2016/050255)
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[25] EN
[54] **HIGH-PRECISION MANUFACTURING MACHINE**
[54] **MACHINE DE FABRICATION HAUTE PRECISION**
[72] GUO, JING, CA
[72] WEI, ZHUO, CA
[71] GUO, JING, CA
[71] WEI, ZHUO, CA
[85] 2018-08-02
[86] 2017-02-02 (PCT/CA2017/050118)
[87] (WO2017/132767)
[30] US (62/292,103) 2016-02-05

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[51] **Int.Cl. A61B 34/10 (2016.01) A61N 5/00 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **KNOWLEDGE-BASED BRACHYTHERAPY PLANNING BASED ON PRIMITIVE FEATURES COMPUTED FROM ANATOMICAL CONTOUR DATA**
[54] **PLANIFICATION DE CURIETHERAPIE BASEE SUR DES CONNAISSANCES SUR LA BASE DE CARACTERISTIQUES PRIMITIVES CALCULEES A PARTIR DE DONNEES DE CONTOUR ANATOMIQUE**
[72] NICOLAE, ALEXANDRU, CA
[72] RAVI, ANANTH, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
[85] 2018-08-02
[86] 2017-02-09 (PCT/CA2017/050150)
[87] (WO2017/136937)
[30] US (62/293,878) 2016-02-11

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[25] EN
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[54] **SOUS-ENSEMBLE BIDIRECTIONNEL DE FIBRE OPTIQUE UNIQUE**
[72] LI, YUANMOU, CN
[72] DONG, YINGHUA, CN
[72] LIU, XISHE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-08-02
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[25] EN
[54] **PIPETTE**
[54] **PIPETTE**
[72] PETERS, HEINRICH, DE
[72] GAUS, PHILIPP, DE
[72] HILD, MARCUS, DE
[72] STURM, JULIA, DE
[71] HARRO HOFLIGER VERPACKUNGSMASCHINEN GMBH, DE
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[25] EN
[54] **3,5-DISUBSTITUTED PYRAZOLES USEFUL AS CHECKPOINT KINASE 1 (CHK1) INHIBITORS, AND THEIR PREPARATIONS AND APPLICATIONS**
[54] **PYRAZOLES 3,5-DISUBSTITUES UTILISABLES COMME INHIBITEURS DE KINASE DE POINT DE CONTROLE 1 (CHK1), AINSI QUE LEURS PREPARATIONS ET LEURS APPLICATIONS**
[72] CAI, XIONG, US
[72] QIAN, CHANGGENG, US
[72] WANG, YANONG DANIEL, US
[71] PHARMAENGINE, INC., CN
[85] 2018-08-02
[86] 2016-02-04 (PCT/CN2016/073454)
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[25] EN
[54] **PHOTOVOLTAIC ENERGY STORAGE AIR CONDITIONER AND CONTROL METHOD THEREOF**
[54] **DISPOSITIF DE CLIMATISATION A STOCKAGE D'ENERGIE PHOTOVOLTAIQUE ET PROC EDE DE COMMANDE**
[72] HUANG, MENG, CN
[72] XU, DONGYUAN, CN
[72] TANG, WENQIANG, CN
[72] LIU, XIA, CN
[72] NAN, SHUGONG, CN
[72] REN, PENG, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
[85] 2018-08-02
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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **INFORMATION INTERACTION MECHANISM AND NETWORK TRANSMISSION METHOD IN MULTIMEDIA SYSTEM**
[54] **MECANISME D'INTERACTION D'INFORMATIONS ET PROCEDE DE TRANSMISSION DE RESEAU DANS UN SYSTEME MULTIMEDIA**
[72] ZHANG, WENJUN, CN
[72] XU, YILING, CN
[72] ZHUANG, NING, CN
[72] CHEN, HAO, CN
[72] WANG, YANFENG, CN
[72] SUN, JUN, CN
[72] LIU, NING, CN
[71] SHANGHAI JIAO TONG UNIVERSITY, CN
[85] 2018-08-02
[86] 2017-01-25 (PCT/CN2017/072558)
[87] (WO2017/133611)
[30] CN (201610074851.X) 2016-02-02
[30] CN (201610074442.X) 2016-02-02
[30] CN (201610107748.0) 2016-02-26

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[25] EN
[54] **AUTOMATIC WATER RETAINING DEVICE**
[54] **DISPOSITIF D'ARRET-BARRAGE A EAU AUTOMATIQUE**
[72] FAN, LIANGKAI, CN
[72] XU, CAIKUI, CN
[71] NANJING JUNLI TECH. CO. LTD., CN
[85] 2018-08-02
[86] 2017-02-04 (PCT/CN2017/072874)
[87] (WO2017/133680)
[30] CN (201610078353.2) 2016-02-04
[30] CN (201610980464.2) 2016-11-08
[30] CN (201610996954.1) 2016-11-14

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[25] EN
[54] **TLR7 AGONIST CRYSTALLINE FORM A, PREPARATION METHOD AND USE THEREOF**
[54] **FORME CRISTALLINE A D'UN AGONISTE DE TLR7, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] DING, ZHAOZHONG, CN
[72] SUN, FEI, CN
[72] HU, YINGHU, CN
[72] ZHOU, YILONG, CN
[72] WANG, ZHENG, CN
[72] ZHAO, RUI, CN
[72] YANG, LING, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2018-08-02
[86] 2017-02-04 (PCT/CN2017/072891)
[87] (WO2017/133684)
[30] CN (201610082029.8) 2016-02-05

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING PYRROLO[3,2-D]PYRIMIDINE COMPOUND, AND INTERMEDIATES THEREOF**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE PYRROLO[3,2-D]PYRIMIDINE, ET SES INTERMEDIAIRES**
[72] DING, ZHAOZHONG, CN
[72] SUN, FEI, CN
[72] HU, YINGHU, CN
[72] ZHOU, YILONG, CN
[72] ZHAO, RUI, CN
[72] YANG, LING, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2018-08-02
[86] 2017-02-04 (PCT/CN2017/072893)
[87] (WO2017/133686)
[30] CN (201610082028.3) 2016-02-05

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **TLR7 AGONIST TRIFLUOROACETATE SALT AND CRYSTALLINE FORM B THEREOF, PREPARATION METHODS AND USES**
[54] **SEL DE TRIFLUOROACETATE D'UN AGONISTE DE TLR7, SA FORME CRISTALLINE B, SES PROCEDES DE PREPARATION ET SES UTILISATIONS**
[72] DING, ZHAOZHONG, CN
[72] SUN, FEI, CN
[72] HU, YINGHU, CN
[72] ZHOU, YILONG, CN
[72] WANG, ZHENG, CN
[72] ZHAO, RUI, CN
[72] YANG, LING, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2018-08-02
[86] 2017-02-04 (PCT/CN2017/072894)
[87] (WO2017/133687)
[30] CN (201610081899.3) 2016-02-05

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[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **METHOD FOR DIAGNOSING AND TREATING CANCER USING ANTIBODIES THAT BIND TO C1 INACTIVATOR, C REACTIVE PROTEIN AND/OR COMPLEMENT COMPONENT C4**
[54] **METHODE DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER AU MOYEN D'ANTICORPS SE LIANT A UN INACTIVATEUR C1, A UNE PROTEINE REACTIVE C ET/OU A UN COMPOSANT C4 DU COMPLEMENT**
[72] OSTHER, KURT, US
[71] DANA GENETIC A/S, DK
[85] 2018-08-02
[86] 2017-02-06 (PCT/DK2017/050027)
[87] (WO2017/133746)
[30] US (62/388,720) 2016-02-05
[30] US (62/495,203) 2016-09-07
[30] US (62/497,760) 2016-12-01

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[13] A1
[51] **Int.Cl. E04B 1/26 (2006.01)**
[25] EN
[54] **CONNECTING DEVICE FOR MOUNTING A WOODEN CONSTRUCTION ELEMENT**
[54] **DISPOSITIF DE LIAISON POUR SUPPORTER UN ELEMENT DE CONSTRUCTION EN BOIS**
[72] MADEREBNER, ROLAND, AT
[71] UNIVERSITAT INNSBRUCK, AT
[85] 2018-08-02
[86] 2016-12-02 (PCT/EP2016/079597)
[87] (WO2017/093490)
[30] DE (10 2015 224 116.5) 2015-12-02

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING C5-C8 HYDROCARBONS AND ACID GASES FROM A FLUID STREAM**
[54] **PROCEDE DE SEPARATION D'HYDROCARBURES C5-C8 ET DE GAZ ACIDES D'UN COURANT DE FLUIDE**
[72] KATZ, TORSTEN, DE
[72] NOTZ, RALF, DE
[72] KERN, ANDREAS, CN
[71] BASF SE, DE
[85] 2018-08-02
[86] 2017-02-02 (PCT/EP2017/052304)
[87] (WO2017/137309)
[30] EP (16154722.9) 2016-02-08
[30] EP (16164431.5) 2016-04-08

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[13] A1
[51] **Int.Cl. C08F 2/22 (2006.01) B27N 3/00 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **THERMODEFORMABLE POLYMER/FIBER COMPOSITE**
[54] **COMPOSITE POLYMERE/FIBRE THERMOFORMABLE**
[72] KALBE, MICHAEL, DE
[72] MICHL, KATHRIN, DE
[72] BRAEUER, JUDITH, DE
[72] SCHEIDHAUER, RAINER, DE
[71] BASF SE, DE
[85] 2018-08-02
[86] 2017-02-06 (PCT/EP2017/052488)
[87] (WO2017/140520)
[30] EP (16155723.6) 2016-02-15

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[51] **Int.Cl. A21C 11/16 (2006.01) A23L 7/117 (2016.01) A23P 30/25 (2016.01) A23P 30/30 (2016.01) B30B 11/22 (2006.01)**
[25] EN
[54] **EXTRUSION DIE, EXTRUDER AND PROCESS FOR FORMING AN EXTRUDED OF CO-EXTRUDED FOODSTUFF PARCELS; EXTRUDED OR CO-EXTRUDED FOODSTUFF PARCELS FORMED BY THE PROCESS**
[54] **FILIERE D'EXTRUSION, EXTRUDEUSE ET PROCEDE DE FORMATION DE PAQUETS ALIMENTAIRES EXTRUDES OU CO-EXTRUDES ; PAQUETS ALIMENTAIRES EXTRUDES OU CO-EXTRUDES FORMES A L'AIDE DU PROCEDE**
[72] ESTEVE, EMILIEN, CH
[72] TOGNET BRUCHET, REMI, CH
[71] NESTEC S.A., CH
[85] 2018-08-02
[86] 2017-03-07 (PCT/EP2017/055323)
[87] (WO2017/153407)
[30] EP (16159745.5) 2016-03-10

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) H05B 3/42 (2006.01)**
[25] EN
[54] **ELECTRONIC VAPING DEVICE**
[54] **DISPOSITIF DE VAPOTAGE ELECTRONIQUE**
[72] TUCKER, CHRISTOPHER S., US
[72] SMITH, BARRY S., US
[72] DENDY, CHARLES, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-08-02
[86] 2017-03-22 (PCT/EP2017/056795)
[87] (WO2017/162724)
[30] US (15/076,799) 2016-03-22

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[13] A1
[51] **Int.Cl. C01C 1/04 (2006.01) B01J 23/70 (2006.01) B01J 23/745 (2006.01) B01J 23/86 (2006.01) B01J 35/02 (2006.01) B01J 35/10 (2006.01) C01B 3/02 (2006.01) C01B 3/16 (2006.01) C01B 3/48 (2006.01) C10K 3/04 (2006.01)**
[25] EN
[54] **PROCESS FOR REVAMPING AN AMMONIA PLANT**
[54] **PROCEDE DE MODERNISATION D'UNE USINE DE PRODUCTION D'AMMONIAC**
[72] PACH, JOHN DAVID, GB
[72] PARK, COLIN WILLIAM, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2018-08-02
[86] 2017-02-06 (PCT/GB2017/050288)
[87] (WO2017/144850)
[30] GB (1603298.9) 2016-02-25

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[13] A1
[51] **Int.Cl. H04W 74/00 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **RANDOM ACCESS COVERAGE ENHANCEMENT LEVEL RAMP UP PROCEDURE**
[54] **PROCEDURE D'AUGMENTATION DE NIVEAU D'AMPLIFICATION DE COUVERTURE D'ACCES ALEATOIRE**
[72] HOGLUND, ANDREAS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-08-02
[86] 2017-01-31 (PCT/IB2017/050508)
[87] (WO2017/134556)
[30] US (62/291,971) 2016-02-05

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[13] A1
[51] **Int.Cl. B65H 45/24 (2006.01)**
[25] EN
[54] **A SUCTION ROLLER STRUCTURE FOR AN INTERLEAVING MACHINE**
[54] **STRUCTURE DE ROULEAU D'ASPIRATION POUR MACHINE D'ENCARTAGE**
[72] LUPI, GIUSEPPE, IT
[72] TORRI, ANGELO, IT
[72] GIOMETTI, GIANLUCA, IT
[71] UNITED CONVERTING S.R.L., IT
[85] 2018-08-02
[86] 2017-03-28 (PCT/IB2017/000316)
[87] (WO2017/168232)
[30] IT (102016000031981) 2016-03-29

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[51] **Int.Cl. B01J 35/02 (2006.01) B01D 53/92 (2006.01) B01D 53/94 (2006.01) B01J 21/04 (2006.01) B01J 21/08 (2006.01) B01J 23/40 (2006.01) B01J 23/72 (2006.01) B01J 37/02 (2006.01) B01J 37/08 (2006.01)**
[25] EN
[54] **MULTI-LAYER CATALYST COMPOSITION FOR INTERNAL COMBUSTION ENGINES**
[54] **COMPOSITION DE CATALYSEUR MULTICOUCHE POUR MOTEURS A COMBUSTION INTERNE**
[72] SHACKLADY-MCATEE, DANIELLE MARIA, US
[72] LIU, YE, US
[72] TRAN, PASCALINE, US
[71] BASF CORPORATION, US
[85] 2018-08-02
[86] 2017-02-01 (PCT/IB2017/050549)
[87] (WO2017/134585)
[30] US (62/290,670) 2016-02-03

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[13] A1
[51] **Int.Cl. A61J 1/06 (2006.01) A61M 5/24 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **CARTRIDGE AND SYRINGE FOR INJECTING A PHARMACEUTICAL SOLUTION AND METHOD FOR MANUFACTURING THE CARTRIDGE**
[54] **CARTOUCHE A SAC SOUPLE POUR INJECTER UNE SOLUTION PHARMACEUTIQUE ET PROCEDE DE FABRICATION DE CETTE CARTOUCHE**
[72] OROFINO, ERNESTO, IT
[71] OROFINO PHARMACEUTICALS GROUP SRL, IT
[85] 2018-08-02
[86] 2017-01-12 (PCT/IB2017/050152)
[87] (WO2017/137854)
[30] IT (102016000013599) 2016-02-10

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[13] A1
[51] **Int.Cl. A61B 5/11 (2006.01) G08B 25/01 (2006.01)**
[25] EN
[54] **PEOPLE MONITORING AND PERSONAL ASSISTANCE SYSTEM, IN PARTICULAR FOR ELDERLY AND PEOPLE WITH SPECIAL AND COGNITIVE NEEDS**
[54] **SYSTEME DE SURVEILLANCE DE PERSONNES ET D'ASSISTANCE PERSONNELLE, EN PARTICULIER DESTINE AUX PERSONNES AGEES ET AUX PERSONNES PRESENTANT DES BESOINS SPECIAUX ET COGNITIFS**
[72] BRUNO, BARBARA, IT
[72] GIUNI, ANTONELLA, IT
[72] MASTROGIOVANNI, FULVIO, IT
[72] REBOSCIO, ENRICO, IT
[72] SCALMATO, ANTONELLO, IT
[72] SGORBISSA, ANTONIO, IT
[71] DOTVOCAL S.R.L., IT
[71] UNIVERSITA' DEGLI STUDI DI GENOVA, IT
[71] TESEO S.R.L., IT
[85] 2018-08-02
[86] 2017-02-03 (PCT/IB2017/050604)
[87] (WO2017/134622)
[30] IT (102016000011204) 2016-02-04

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[51] **Int.Cl. G06Q 50/30 (2012.01) H04W 4/00 (2018.01) G06Q 50/10 (2012.01) G06F 15/16 (2006.01)**
[25] EN
[54] **NETWORK COMPUTER SYSTEM FOR ANALYZING DRIVING ACTIONS OF DRIVERS ON ROAD SEGMENTS OF A GEOGRAPHIC REGION**
[54] **SYSTEME INFORMATIQUE EN RESEAU POUR ANALYSER DES ACTIONS DE CONDUITE EFFECTUEES PAR DES CONDUCTEURS SUR DES SEGMENTS DE ROUTE D'UNE ZONE GEOGRAPHIQUE**
[72] SUMERS, THEODORE RUSSELL, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-08-02
[86] 2017-02-14 (PCT/IB2017/050816)
[87] (WO2017/141161)
[30] US (62/296,297) 2016-02-17
[30] US (15/382,453) 2016-12-16

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[51] **Int.Cl. A01N 37/46 (2006.01) A01N 63/02 (2006.01) A01P 3/00 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **MIXTURES AND COMPOSITIONS COMPRISING PAENIBACILLUS STRAINS OR METABOLITES THEREOF AND OTHER BIOPESTICIDES**
[54] **MELANGES ET COMPOSITIONS COMPRENANT DES SOUCHES DE PAENIBACILLUS OU DES METABOLITES DE CELLES-CI ET D'AUTRES BIOPESTICIDES**
[72] SIEPE, ISABELLA, DE
[72] JABS, THORSTEN, DE
[72] LIEBMANN, BURGHARD, DE
[72] SCHUSTER, ANNETTE, DE
[71] BASF SE, DE
[85] 2018-08-02
[86] 2017-02-06 (PCT/EP2017/052535)
[87] (WO2017/137353)
[30] EP (16154830.0) 2016-02-09

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/00 (2006.01) A61K 39/40 (2006.01) A61K 39/42 (2006.01) C07K 14/00 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **CLEC9A BINDING AGENTS AND USE THEREOF**
[54] **AGENTS DE LIAISON AU CLEC9A**
[72] KLEY, NIKOLAI, US
[72] TAVERNIER, JAN, BE
[72] CAUWELS, ANJE, BE
[72] GERLO, SARAH, BE
[71] ORIONIS BIOSCIENCES NV, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[85] 2018-08-02
[86] 2017-02-06 (PCT/EP2017/052544)
[87] (WO2017/134301)
[30] US (62/291,769) 2016-02-05
[30] US (62/291,772) 2016-02-05
[30] US (62/291,774) 2016-02-05
[30] US (62/291,776) 2016-02-05
[30] US (62/291,779) 2016-02-05
[30] US (62/335,880) 2016-05-13
[30] US (62/335,965) 2016-05-13
[30] US (62/335,968) 2016-05-13
[30] US (62/335,979) 2016-05-13
[30] US (62/336,030) 2016-05-13
[30] US (62/353,607) 2016-06-23
[30] US (62/411,805) 2016-10-24

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) A61K 38/10 (2006.01) A61P 35/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **ENDOPLASMIC RETICULUM STRESS AS A PREDICTIVE TOOL IN CANCER THERAPY AND A COMBINATION THERAPY FOR THE TREATMENT OF CANCER**
[54] **STRESS DU RETICULUM ENDOPLASMIQUE COMME OUTIL PREDICTIF EN THERAPIE ANTICANCEREUSE ET THERAPIE COMBINEE POUR LE TRAITEMENT DU CANCER**
[72] DEVARY, YORAM, IL
[72] SANDLER, UZIEL, IL
[71] IMMUNE SYSTEM KEY LTD., IL
[85] 2018-08-02
[86] 2017-02-02 (PCT/IL2017/050129)
[87] (WO2017/134668)
[30] US (62/291,190) 2016-02-04

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[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0793 (2010.01) C12N 1/00 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **DIFFERENTIATION INDUCTION FROM HUMAN PLURIPOTENT STEM CELLS INTO HYPOTHALAMIC NEURONS**
[54] **INDUCTION D'UNE DIFFERENCIATION A PARTIR DE CELLULES SOUCHES PLURIPOTENTES HUMAINES EN NEURONES HYPOTHALAMIQUES**
[72] SUGA, HIDETAKA, JP
[72] OGAWA, KOICHIRO, JP
[72] KASAI, TAKATOSHI, JP
[72] ARIMA, HIROSHI, JP
[71] NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY, JP
[85] 2018-08-02
[86] 2017-01-18 (PCT/JP2017/001544)
[87] (WO2017/126551)
[30] JP (2016-010940) 2016-01-22

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[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **TARGETED THERAPEUTIC AGENTS AND USES THEREOF**
[54] **AGENTS THERAPEUTIQUES CIBLES ET LEURS UTILISATIONS**
[72] TAVERNIER, JAN, BE
[72] KLEY, NIKOLAI, US
[71] ORIONIS BIOSCIENCES NV, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[85] 2018-08-02
[86] 2017-02-06 (PCT/EP2017/052545)
[87] (WO2017/134302)
[30] US (62/291,769) 2016-02-05
[30] US (62/291,772) 2016-02-05
[30] US (62/291,774) 2016-02-05
[30] US (62/291,776) 2016-02-05
[30] US (62/291,779) 2016-02-05
[30] US (62/335,880) 2016-05-13
[30] US (62/335,965) 2016-05-13
[30] US (62/335,968) 2016-05-13
[30] US (62/335,979) 2016-05-13
[30] US (62/336,030) 2016-05-13
[30] US (62/353,607) 2016-06-23
[30] US (62/411,805) 2016-10-24

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **BISPECIFIC SIGNALING AGENTS AND USES THEREOF**
[54] **AGENTS DE SIGNALISATION BISPECIFIQUES ET LEURS UTILISATIONS**
[72] KLEY, NIKOLAI, US
[72] TAVERNIER, JAN, BE
[72] VAN LINT, SANDRA, BE
[72] CAUWELS, ANJE, BE
[71] ORIONIS BIOSCIENCES NV, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[85] 2018-08-02
[86] 2017-02-06 (PCT/EP2017/052550)
[87] (WO2017/134305)
[30] US (62/291,769) 2016-02-05
[30] US (62/291,772) 2016-02-05
[30] US (62/291,774) 2016-02-05
[30] US (62/291,776) 2016-02-05
[30] US (62/291,779) 2016-02-05
[30] US (62/335,880) 2016-05-13
[30] US (62/335,965) 2016-05-13
[30] US (62/335,968) 2016-05-13
[30] US (62/335,979) 2016-05-13
[30] US (62/336,030) 2016-05-13
[30] US (62/353,607) 2016-06-23
[30] US (62/411,805) 2016-10-24

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[51] **Int.Cl. H01G 7/02 (2006.01)**
[25] EN
[54] **ELECTRET SHEET**
[54] **FEUILLE D'ELECTRET**
[72] KATO, TETSUHIRO, JP
[72] KAMIYA, NOBUTO, JP
[72] TSUCHIYA, MASAHIRO, JP
[72] KATSURAYAMA, YUUTA, JP
[72] SHIRASAKA, YASUYUKI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2018-08-02
[86] 2017-02-03 (PCT/JP2017/004122)
[87] (WO2017/135457)
[30] JP (2016-019532) 2016-02-04
[30] JP (2016-019533) 2016-02-04

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[13] A1
[51] **Int.Cl. H01G 7/02 (2006.01)**
[25] EN
[54] **ELECTRET SHEET**
[54] **FEUILLE D'ELECTRET**
[72] KATO, TETSUHIRO, JP
[72] KAMIYA, NOBUTO, JP
[72] TSUCHIYA, MASAHIRO, JP
[72] KATSURAYAMA, YUUTA, JP
[72] SHIRASAKA, YASUYUKI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2018-08-02
[86] 2017-02-03 (PCT/JP2017/004124)
[87] (WO2017/135458)
[30] JP (2016-019530) 2016-02-04
[30] JP (2016-019531) 2016-02-04
[30] JP (2016-019535) 2016-02-04

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[51] **Int.Cl. C07K 14/715 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **CD8 BINDING AGENTS**
[54] **AGENTS DE LIAISON AU CD8**
[72] TAVERNIER, JAN, BE
[72] CAUWELS, ANJE, BE
[72] KLEY, NIKOLAI, US
[72] GERLO, SARAH, BE
[71] ORIONIS BIOSCIENCES NV, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[85] 2018-08-02
[86] 2017-02-06 (PCT/EP2017/052553)
[87] (WO2017/134306)
[30] US (62/291,769) 2016-02-05
[30] US (62/291,772) 2016-02-05
[30] US (62/291,774) 2016-02-05
[30] US (62/291,776) 2016-02-05
[30] US (62/291,779) 2016-02-05
[30] US (62/335,880) 2016-05-13
[30] US (62/335,965) 2016-05-13
[30] US (62/335,968) 2016-05-13
[30] US (62/335,979) 2016-05-13
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[30] US (62/353,607) 2016-06-23
[30] US (62/411,805) 2016-10-24

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[13] A1
[51] **Int.Cl. E01B 7/24 (2006.01) E01B 19/00 (2006.01)**
[25] EN
[54] **A DEVICE AND A METHOD FOR MELTING SNOW AND ICE OF A RAILWAY**
[54] **DISPOSITIF ET PROCEDE POUR FAIRE FONDRE LA NEIGE ET LA GLACE D'UNE VOIE FERREE**
[72] FALLDIN, AGNE, SE
[71] STEGIA AB, SE
[85] 2018-08-02
[86] 2017-02-20 (PCT/SE2017/050157)
[87] (WO2017/142473)
[30] US (62/296,780) 2016-02-18

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[51] **Int.Cl. C01B 32/15 (2017.01) H01M 4/139 (2010.01) C01B 32/18 (2017.01) C01B 32/182 (2017.01) C08K 9/04 (2006.01) C08L 101/00 (2006.01) H01M 4/36 (2006.01) H01M 4/62 (2006.01)**
[25] EN
[54] **SURFACE-TREATED GRAPHENE, SURFACE-TREATED GRAPHENE/ORGANIC SOLVENT DISPERSION LIQUID, SURFACE-TREATED GRAPHENE/ELECTRODE ACTIVE MATERIAL COMPOSITE PARTICLES AND ELECTRODE PASTE**
[54] **GRAPHENE TRAITE EN SURFACE, LIQUIDE DE DISPERSION DE GRAPHENE TRAITE EN SURFACE/SOLVANT ORGANIQUE, PARTICULES COMPOSITES DE GRAPHENE TRAITE EN SURFACE/MATERIAU ACTIF D'ELECTRODE ET PATE D'ELECTRODE**
[72] MANABE, KOICHIRO, JP
[72] TAMAKI, EIICHIRO, JP
[72] KAWASAKI, MANABU, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-08-02
[86] 2017-02-20 (PCT/JP2017/006088)
[87] (WO2017/154533)
[30] JP (2016-045390) 2016-03-09

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[25] EN
[54] **FOOD PACKAGING FILM AND MANUFACTURING METHOD FOR MAKING THE SAME**
[54] **FILM D'EMBALLAGE ALIMENTAIRE ET SON PROCEDE DE FABRICATION**
[72] NICHOLSON, MYRON D., US
[72] SHOSHYN, DMYTRO, US
[71] VISKASE COMPANIES, INC., US
[85] 2018-08-02
[86] 2017-02-09 (PCT/EP2017/052919)
[87] (WO2017/148682)
[30] US (62/302,545) 2016-03-02
[30] US (62/358,500) 2016-07-05
[30] US (62/367,370) 2016-07-27

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[13] A1
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[54] **BENZOXAZOLE COMPOUND OR SALT THEREOF, AGRICULTURAL AND HORTICULTURAL INSECTICIDE COMPRISING THE COMPOUND, AND METHOD FOR USING THE INSECTICIDE**
[54] **COMPOSE DE BENZOXAZOLE OU SEL DE CELUI-CI, INSECTICIDE AGRICOLE/HORTICOLE LE CONTENANT, ET SON PROCEDE D'UTILISATION**
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[72] YONEMURA, IKKI, JP
[72] SUWA, AKIYUKI, JP
[72] FUJIE, SHUNPEI, JP
[71] NIHON NOHYAKU CO., LTD., JP
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[54] **PROCEDE DE PREPARATION DE POUDRES POLYAMIDES PAR PRECIPITATION**
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[72] GRAMLICH, SIMON, DE
[72] OSTERMANN, RAINER, DE
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[72] SIMON, DIRK, DE
[72] ZHU, NING, DE
[71] BASF SE, DE
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[54] **MISE A JOUR DE MODELES DE SEQUENCES GEOLOGIQUES COMPLEXES**
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[72] BUTT, ALICE JESSICA, GB
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[54] **COMPOSITION TOPIQUE ET SYSTEME D'ADMINISTRATION ET SON UTILISATION**
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[71] GREENSPAN, MICHAEL H., US
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[54] **COUVERCLE DE RETRACTEUR D'OUTIL MANUEL AYANT UNE RESISTANCE DE MAINTIEN D'OUTIL TOMBANT**
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[72] MOREAU, ANDRE W., US
[72] MOREAU, REGINALD, US
[71] TY-FLOT, INC., US
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[54] **RAF KINASE INHIBANT UN DERIVE PYRIDINE ET RECEPTEUR DE FACTEUR DE CROISSANCE ENDOTHELIAL VASCULAIRE, PROCEDE POUR LE PREPARER, COMPOSITION PHARMACEUTIQUE LE CONTENANT, ET SON UTILISATION**
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[72] SHIN, HEE JONG, KR
[72] KI, MIN HYO, KR
[72] KWON, HO SEOK, KR
[72] LEE, JAE WOONG, KR
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[72] PARK, YONG BIN, KR
[72] KANG, SUNG HYUN, KR
[72] CHO, HYOUNG MIN, KR
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[72] AHN, SOON KIL, KR
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[71] SAMJIN PHARMACEUTICAL CO., LTD., KR
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[54] **SYSTEME DE DETECTION DE PROXIMITE POUR VEHICULES A MOTEUR**
[72] MASSEY, BRENT F., US
[72] ROULEAU, GREG L., US
[72] SELDEN, THADDEUS NOLL, US
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[54] **GENERATEUR DE DONNEES SISMIQUES INTERIEURES**
[72] RAMSAY, TRAVIS ST. GEORGE, US
[72] LOMASK, JESSE MATHIAS, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **USING CELL-FREE DNA FRAGMENT SIZE TO DETERMINE COPY NUMBER VARIATIONS**
[54] **UTILISATION DE LA TAILLE DE FRAGMENTS D'ADN ACELLULAIRE POUR DETERMINER LES VARIATIONS DU NOMBRE DE COPIES**
[72] DUENWALD, SVEN, US
[72] COMSTOCK, DAVID A., US
[72] BARBACIORU, CATALIN, US
[72] CHUDOVA, DARYA I., US
[72] RAVA, RICHARD P., US
[72] JONES, KEITH W., US
[72] CHEN, GENGXIN, US
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[54] **AIGUILLE DE HUBER A SECURITE PASSIVE**
[72] FRIEDRICH, TERRELL L., US
[71] NOVUM VASCULAR, LLC, US
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[54] **TRANSPARENT WOOD COMPOSITE, SYSTEMS AND METHOD OF FABRICATION**
[54] **COMPOSITE TRANSPARENTE DE BOIS, SYSTEMES ET PROCEDE DE FABRICATION**
[72] HU, LIANGBING, US
[72] ZHU, MINGWEI, US
[72] LI, TIAN, US
[72] GONG, AMY S., US
[72] SONG, JIANWEI, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
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[72] KJELLANDER, BIRGITTA KATARINA CHARLOTTE, NL
[71] TRESPA INTERNATIONAL B.V., NL
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[72] KAROL, DANIEL SCOTT, US
[72] OVERSON, JASON MICHAEL, US
[72] HUNT, WILLIAM DANIEL, US
[72] SCARPACI, JACOB WILLIAM, US
[72] COLL, ANDREW STEPHEN, US
[72] NEEDEL, GREGORY, US
[72] CROWLEY, YUUKI GILL, US
[72] LANGENFELD, CHRISTOPHER C., US
[72] SLATE, MICHAEL J., US
[72] BHAT, PRASHANT, US
[72] PERET, GRANT ALEXANDER, US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **TAMPER EVIDENCE BRIDGES**
[54] **PONTS INDICATEURS D'EFFRACTION**
[72] HANAN, JAY CLARKE, US
[71] NIAGARA BOTTLING, LLC, US
[71] HANAN, JAY CLARKE, US
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[54] **STRATEGIC IMPROVISATION DESIGN FOR ADAPTIVE RESILIENCE**
[54] **CONCEPTION D'IMPROVISATION STRATEGIQUE POUR RESILIENCE ADAPTATIVE**
[72] MARTINEZ CANEDO, ARQUIMEDES, US
[72] MIRABELLA, LUCIA, US
[72] SRIVASTAVA, SANJEEV, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PARTICULES D'AGREGATS DE BIOCHARBON**
[72] MALYALA, RAJASHEKHARAM, US
[72] TRAXLER, VERN, US
[72] SMITH, MATTHEW WILLIAM, US
[72] KIM, HAN SUK, US
[72] BONTCHEV, RANKO PANAYOTOV, US
[72] BELCHER, RICHARD WILSON, US
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[54] **SYNTHESE ET COMPOSITION DE BIBLIOTHEQUES DE RAPAFUCINE**
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[72] WANG, JINGXIN, US
[72] GUO, ZUFENG, US
[72] HONG, SAM, US
[72] LIU, WUKUN, US
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[54] **UNE COMBINAISON DE CHARIOT ET ACCESSOIRE DOTEE D'UN SYSTEME DE FREINAGE**
[72] KALE, MANDAR, IN
[72] SVIDAL, TROND, US
[72] GRAHAM, DOUGLAS, US
[72] PIKESH, DERRYN W., US
[71] DEERE & COMPANY, US
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[54] **SPECIFICATION DES COMPOSANTES DE PROGRAMMES FONDES SUR DES GRAPHIQUES**
[72] STANFILL, CRAIG W., US
[72] WEISS, ADAM, US
[72] ROBERTS, ANDREW F., US
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[71] AB INITIO TECHNOLOGY LLC, US
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[54] **TRANSPOSITION AMELIOREE D'HARMONIQUE FONDEE SUR UN BLOC DE SOUS-BANDE**
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[71] DOLBY INTERNATIONAL AB, NL
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[72] SALAHIEH, AMR, US
[72] ARGENTO, CLAUDIO R., US
[72] SAUL, TOM, US
[72] VAUGHAN, BOB, US
[72] WILLIS, ERIC, US
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[54] **SYSTEMS AND METHODS FOR IMPROVING CATHETER HOLE ARRAY EFFICIENCY**
[54] **SYSTEMES ET PROCEDES D'AMELIORATION D'EFFICACITE D'UN ENSEMBLE D'ORIFICES DE CATHETER**
[72] ADAMS, CHAD M., US
[72] BURKHOLZ, JONATHAN KARL, US
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[71] BECTON, DICKINSON AND COMPANY, US
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[54] **GRILL DE CUISSON A BRULEUR IR**
[72] WENZEL, HANS F., US
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[72] DENG, ERIC, US
[72] NILSSEN, RAY, US
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[54] **COOKING GRILL WITH HOOD LIGHTING**
[54] **GRILL DE CUISSON DOTE D'UN ECLAIRAGE DE HOTTE**
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[54] **SYSTEM AND METHOD FOR RECOVERING BITUMEN FROM A BITUMEN RESERVE USING ACOUSTIC STANDING WAVES**
[54] **SYSTEME ET METHODE DE RECUPERATION DU BITUME A PARTIR D'UNE RESERVE DE BITUME A L'AIDE D'ONDES STATIONNAIRES ACOUSTIQUES**
[72] BUNIO, GARY L., CA
[72] GATES, IAN D., CA
[71] SUNCOR ENERGY INC., CA
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[54] **SUPPORT APPARATUS FOR SUPPORTING A TUBULAR BODY IN AN INCISION**
[54] **APPAREIL DE SUPPORT SERVANT A SOUTENIR UN CORPS TUBULAIRE DANS UNE INCISION**
[72] PACAK, JOHN S., CA
[72] DIAMOND, HEATHER D., CA
[72] CORBETT, CAROLINE A., CA
[71] SURGICAL STABILIZATION TECHNOLOGIES INC., CA
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[25] EN
[54] **NON-METALLIC VERTICAL TURBINE PUMP**
[54] **POMPE A TURBINE VERTICALE NON METALLIQUE**
[72] PARRY, WILLIAM W., US
[72] BURACHINSKY, ERIK, US
[71] MPC INC., US
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[51] **Int.Cl. A61F 2/04 (2013.01) A61B 17/00 (2006.01) A61B 17/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ENDOVASCULARLY CLIPPING AND REPAIRING LUMEN AND TISSUE DEFECTS**
[54] **PROCEDES ET SYSTEMES D'AGRAFAGE ET DE REPARATION PAR VOIE ENDOVASCULAIRE D'ANOMALIES DANS DES LUMIERES OU DES TISSUS**
[72] ESKRIDGE, JOSEPH, US
[72] CLARKE, GILBERT, US
[72] PEASE, MATTHEW, US
[72] MAST, GREGORY MARTIN, US
[72] MUSKIVITCH, JOHN CONRAD, US
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[51] **Int.Cl. C07D 498/18 (2006.01) A61K 31/4985 (2006.01) A61K 31/529 (2006.01) A61K 31/5365 (2006.01) A61K 31/537 (2006.01) A61K 31/551 (2006.01) A61P 31/18 (2006.01) C07D 471/22 (2006.01)**
[25] EN
[54] **POLYCYCLIC-CARBAMOYLPYRIDONE COMPOUNDS AND THEIR PHARMACEUTICAL USE**
[54] **COMPOSES DE CARBAMOYLPYRIDONE POLYCYCLIQUES ET LEUR UTILISATION PHARMACEUTIQUE**
[72] JIN, HAOLUN, US
[72] LAZERWITH, SCOTT E., US
[72] TREJO MARTIN, TERESA ALEJANDRA, US
[72] BACON, ELIZABETH M., US
[72] COTTELL, JEROMY J., US
[72] CAI, ZHENHONG R., US
[72] PYUN, HYUNG-JUNG, US
[72] MORGANELLI, PHILIP ANTHONY, US
[72] JI, MINGZHE, US
[72] TAYLOR, JAMES G., US
[72] CHEN, XIAOWU, US
[72] MISH, MICHAEL R., US
[72] DESAI, MANOJ C., US
[71] GILEAD SCIENCES, INC., US
[22] 2013-12-19
[41] 2014-06-26
[62] 2,893,843
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[25] EN
[54] **METHODS AND SYSTEMS FOR ENDOVASCULARLY CLIPPING AND REPAIRING LUMEN AND TISSUE DEFECTS**
[54] **PROCEDES ET SYSTEMES D'AGRAFAGE ET DE REPARATION PAR VOIE ENDOVASCULAIRE D'ANOMALIES DANS DES LUMIERES OU DES TISSUS**
[72] ESKRIDGE, JOSEPH, US
[72] CLARKE, GILBERT, US
[72] PEASE, MATTHEW, US
[72] MAST, GREGORY MARTIN, US
[72] MUSKIVITCH, JOHN CONRAD, US
[71] PULSAR VASCULAR, INC., US
[22] 2006-10-18
[41] 2007-04-26
[62] 2,857,828
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[54] **APPARATUS AND METHOD OF INTRACRANIAL IMAGING**
[54] **APPAREIL ET PROCEDE D'IMAGERIE INTRACRANIENNE**
[72] RILEY, JASON DAVID RICHARD, CA
[72] SINGH, VINAY KUMAR, CA
[71] ARCHEOPTIX BIOMEDICAL INC., CA
[22] 2014-11-12
[41] 2015-05-21
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[30] US (61/904,559) 2013-11-15

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[54] **BALLOON GUIDED ENDOSCOPY**
[54] **ENDOSCOPE GUIDEE PAR BALLONNET**
[72] TERLIUC, GAD, IL
[71] SMART MEDICAL SYSTEMS LTD., IL
[22] 2005-08-08
[41] 2007-02-15
[62] 2,618,492

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[54] **TISSUE-INTEGRATING SENSORS**
[54] **CAPTEURS D'INTEGRATION DE TISSU**
[72] WISNIEWSKI, NATALIE ANN, US
[72] HELTON, KRISTEN, US
[72] MCMILLAN, WILLIAM A., US
[71] PROFUSA, INC., US
[22] 2011-10-06
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[72] LI, XIAOFENG, US
[72] LIU, DAKAI, US
[72] ZHANG, YAZHOU, US
[72] JIN, RICHARD, US
[72] BHATTACHARYYA, RIDDHI, US
[72] CHENG, WEI, US
[72] ZHANG, GUANGRONG, US
[72] LIANG, YUANXING, US
[72] ENEA, VINCENZO, US
[72] DONEGAN, JAMES J., US
[71] ENZO BIOCHEM, INC., US
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[41] 2010-02-11
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[30] US (12/221,863) 2008-08-07

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[25] EN
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[72] WOODS, THOMAS STEVEN, US
[72] CONNESS, JASON, US
[72] BAUDER, CHRISTOPHER, DE
[71] ROVI GUIDES, INC., US
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[62] 2,757,652
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[72] NEIL, BRIAN MICHAEL, US
[72] MALECKI, WILLIAM WALTER, US
[72] KOCH, KATHLEEN MARIE, US
[72] LEE, GREGORY JIN-KENG, US
[71] CHANNEL MEDSYSTEMS, INC., US
[22] 2012-01-30
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[25] EN
[54] **NOVEL MODULATORS OF CALCIUM RELEASE-ACTIVATED CALCIUM CHANNEL**
[54] **MODULATEURS NOVATEURS DE CANAL DE CALCIUM ACTIVE PAR LA LIBERATION DU CALCIUM**
[72] MUTHUPPALANIAPPAN, PEYYAPPAN, IN
[72] VISWANADHA, SRIKANT, IN
[72] MERIKAPUDI, GAYATRI SWAROOP, IN
[72] VAKKALANKA, SWAROOP KUMAR V. S., IN
[71] RHIZEN PHARMACEUTICALS S.A., CH
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[41] 2011-04-14
[62] 2,776,842
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[54] **METHODS AND APPARATUS TO DETECT AND WARN PROXIMATE ENTITIES OF INTEREST**
[54] **PROCEDE ET APPAREIL POUR DETECTER ET AVERTIR DES ENTITES D'INTERET A PROXIMITE**
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[72] BOERGER, JAMES C., US
[72] HOFFMANN, DAVID J., US
[72] MARKHAM. KEN, US
[72] MCNEILL, MATTHEW, US
[72] MUHL, TIMOTHY, US
[72] NELSON, KYLE, US
[72] OATES, JAMES, US
[72] SENFLEBEN, JASON, US
[71] RITE-HITE HOLDING CORPORATION, US
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[54] **TREATMENT OF .ALPHA.-GALACTOSIDASE A DEFICIENCY**
[54] **TRAITEMENT D'UNE DEFICIENCE D'ALPHA-GALACTOSIDASE A**
[72] SELDEN, RICHARD F., US
[72] BOROWSKI, MARIANNE, US
[72] KINOSHITA, CAROL M., US
[72] TRECO, DOUGLAS A., US
[72] WILLIAMS, MELANIE D., US
[72] SCHUETZ, THOMAS J., US
[72] DANIEL, PETER FRANCIS, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING AMIDE DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN DERIVE D'AMIDE OU SON SEL PHARMACEUTIQUEMENT ACCEPTABLE**
[72] KIM, YONG IL, KR
[72] KIM, KYEONG SOO, KR
[72] JANG, KI YOUNG, KR
[72] KIM, YO HAN, KR
[72] PARK, JAE HYUN, KR
[72] WOO, JONG SOO, KR
[71] HANMI SCIENCE CO., LTD., KR
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[25] EN
[54] **TRICYCLIC COMPOUNDS HAVING ANTIMITOTIC AND/OR ANTITUMOR ACTIVITY AND METHODS OF USE THEREOF**
[54] **COMPOSES TRICYCLIQUES AYANT UNE ACTIVITE ANTIMITOTIQUE ET/OU ANTITUMORALE ET LEURS PROCEDES D'UTILISATION**
[72] GANGJEE, ALEEM, US
[71] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US
[22] 2009-07-08
[41] 2010-01-14
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[51] **Int.Cl. A61B 34/10 (2016.01) A61B 8/00 (2006.01) A61B 8/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR 3D RECONSTRUCTION OF A JOINT USING ULTRASOUND**
[54] **SYSTEME POUR RECONSTRUCTION TRIDIMENSIONNELLE (3D) D'UNE ARTICULATION UTILISANT D'ULTRASONS**
[72] MAHFOUZ, MOHAMED R., US
[72] WASIELEWSKI, RAY C., US
[71] JOINTVUE, LLC, US
[22] 2014-02-04
[41] 2014-08-07
[62] 2,900,264
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[54] **OPHTHALMIC SURGICAL INSTRUMENT WITH PRE-SET TIP-TO-SHELL ORIENTATION**
[54] **INSTRUMENT CHIRURGICAL OPHTALMIQUE AVEC ORIENTATION EXTREMITE A COQUILLE PREREGLEE**
[72] DETURK, NEAL ROBERT, US
[72] SCHATZ, WAYNE FREDERICK, US
[72] LUCIA, RICHARD LAWRENCE, US
[72] BUTRON, ANDREW ROBERT, US
[72] PLASCENCIA, FRANK TAMAYO, JR., US
[72] YERKA, TERRY MARTIN, US
[72] AMERAL, JOSE EDUARDO, US
[71] AUTOCAM MEDICAL DEVICES, LLC, US
[22] 2013-10-01
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[30] US (61/709,540) 2012-10-04
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[51] **Int.Cl. F02K 1/06 (2006.01) F02K 1/12 (2006.01) F02K 1/78 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR SEALING VARIABLE AREA FAN NOZZLES OF JET ENGINES**
[54] **PROCEDES ET APPAREILS POUR ETANCHEIFIER DES TUYERES DE SOUFFLANTE A SECTION VARIABLE DE MOTEURS A REACTION**
[72] BAKKEN, DAVID ALAN, US
[71] THE BOEING COMPANY, US
[22] 2013-07-26
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[62] 2,822,240
[30] US (13/665188) 2012-10-31

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[25] EN
[54] **NEEDLE SHIELDING ASSEMBLIES AND INFUSION DEVICES FOR USE THEREWITH**
[54] **ENSEMBLES DE PROTECTION D'AIGUILLE ET DISPOSITIFS DE PERFUSION A UTILISER AVEC CEUX-CI**
[72] SONDEREGGER, RALPH, US
[72] POLITIS, VICTOR, US
[72] RICHARDS, STEPHEN, US
[72] SEARLE, GARY, US
[72] BENE, ERIC, US
[71] BECTON, DICKINSON AND COMPANY, US
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[62] 2,858,108
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[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **VARIABLE FLOW RESISTANCE FOR USE WITH A SUBTERRANEAN WELL**
[54] **SYSTEME DE RESISTANCE VARIABLE A L'ECOULEMENT A METTRE EN OEUVRE DANS UN PUITS SOUTERRAIN**
[72] DYKSTRA, JASON D., US
[72] FRIPP, MICHAEL L., US
[72] ZHAO, LIANG, US
[72] FELTEN, FREDERIC, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. C25C 3/14 (2006.01) B01J 4/02 (2006.01) C25C 7/06 (2006.01)**
[25] EN
[54] **DEVICE FOR CONTROLLED FEEDING AN ELECTROLYTIC CELL FOR PRODUCING ALUMINUM (VARIANTS)**
[54] **DISPOSITIF POUR L'ALIMENTATION DOSEE DE MATIERES PREMIERES DANS UN ELECTROLYSEUR D'ALUMINE (VARIANTES)**
[72] BATORSHIN, VLADIMIR PETROVICH, RU
[72] GUSEV, ALEKSANDR OLEGOVICH, RU
[72] YURKOV, VLADIMIR VIKTORVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
[22] 2015-05-05
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[62] 2,953,921
[30] RU (2014129233) 2014-07-15

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[51] **Int.Cl. B22F 9/14 (2006.01)**
[25] EN
[54] **PLASMA ATOMIZATION METAL POWDER MANUFACTURING PROCESSES AND SYSTEMS THEREFOR**
[54] **PROCEDES DE FABRICATION DE POUDRE METALLIQUE PAR ATOMISATION AU PLASMA ET SYSTEMES S'Y RAPPORTANT**
[72] LAROUCHE, FREDERIC, CA
[72] BALMAYER, MATTHIEU, CA
[72] TRUDEAU-LALONDE, FRANCIS, CA
[71] AP&C ADVANCED POWDERS AND COATINGS INC., CA
[22] 2016-07-06
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[62] 2,992,303
[30] US (62/193,622) 2015-07-17
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[13] A1
[51] **Int.Cl. B65B 25/06 (2006.01) B65B 43/18 (2006.01) B65B 49/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A CARD DISPENSER**
[54] **PROCEDE ET APPAREIL DESTINES A UN DISTRIBUTEUR DE CARTES**
[72] PRYOR, GLEN F., US
[72] WEBSTER, WAYNE H., US
[72] LINDEE, SCOTT A., US
[72] TORRENGA, RYAN, US
[72] CHOATE, PAUL, US
[71] FORMAX, INC., US
[22] 2010-10-26
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BAIK, EUGENE JONG-HYON	2,913,117
BAILLARGEON, GUY	2,745,168
BAIRD, BRADLEY W.	2,755,086
BAISHYA, GAKUL	2,787,722
BAKER HUGHES INCORPORATED	2,920,687
BAKER HUGHES INCORPORATED	2,928,444
BAKER, JOHN RUSSELL	2,772,829
BAKKO, LORREN O.	2,720,159
BALASKI, TRAVIS	2,806,115
BALL CORPORATION	2,918,084
BALMAYER, MATTHIEU	2,992,303
BANKS, DAVID P.	2,882,420
BARDWELL, DAVID T.	2,934,016
BARLOW, LOUISE MARGARET	2,816,669
BARRA, KENNETH RICHARD	2,827,201
BARTOLI, ANDREA	2,807,100
BARUA, NABIN CHANDRA	2,787,722
BASF SE	2,762,507
BASIC HOLDINGS	2,801,973
BATEMAN, ROBERT HAROLD	2,663,016
BATTELLE MEMORIAL INSTITUTE	2,802,888
BATTELLE MEMORIAL INSTITUTE	2,926,993
BAUER, WERNER	2,798,103
BAURER, PHIL	2,806,901
BAXALTA GMBH	2,837,948
BAXALTA INCORPORATED	2,837,948
BAYER HEALTHCARE LLC	2,910,611
BAYER INTELLECTUAL PROPERTY GMBH	2,750,769
BAYER INTELLECTUAL PROPERTY GMBH	2,791,829
BAYER INTELLECTUAL PROPERTY GMBH	2,806,419
BAZZA, PAOLA	2,835,691
BEAL, CEDRIC	2,933,151
BEALL, CLIFFORD H.	2,928,444

BEARD, MARK STEPHAN JAMES 2,925,998
BECERRA, MANUEL 2,707,207
BECK, CHRISTIAN 2,956,526
BECK, LEIGH 2,805,697
BEECKLER, CHRISTOPHER 2,737,678
BEGGS, RYAN P. 2,806,320
BEGHYN, TERENCE 2,806,825
BEHRENS, CHRISTIAN 2,798,336
BEHRINGER, PATRICK 2,772,283
BEIHANG UNIVERSITY 2,948,675
BEIJING BETTA PHARMACEUTICALS CO., LTD 2,842,730
BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO, LTD. 2,932,745
BEILER, JAN-DIRK 2,942,974
BELATON, OLIVIER 2,935,915
BEMELAAR, JOHANNA HENDRIKA 2,730,812
BEMIS, JEAN E. 2,772,618
BENDERITTER, PASCAL 2,757,592
BENEDICTUS, RINZE 2,811,386
BENJAMIN, DENNIS 2,788,289
BENTING, JUERGEN 2,791,829
BERDINI, VALERIO 2,757,592
BERENBERG, PAUL 2,811,554
BERG, KRISTIAN 2,430,334
BERNARD, CHRISTOPHE G. 2,719,073
BERNARD, JEAN 2,701,662
BERNARD-PIERROT, ISABELLE 2,736,438
BERRIAH, SAID 2,793,573
BERRY, MICHAEL 2,930,417
BERTHELSEN, LARS HOFFMANN 2,707,167
BERTHELSEN, LARS HOFFMANN 2,707,269
BES, CEDRIC 2,801,264
BESELT, RON 2,752,276
BESTAOUI-SPURR, NAIMA 2,920,687
BEYER, KEITH 2,806,901
BHADURI, SUMIT 2,920,687
BHASKARAN, SUNIL 2,880,439
BIAN, NANYING 2,938,549
BIANCHI, DAVIDE 2,835,691
BIERDEL, MICHAEL 2,784,913
BINDL, REGINALD M. 2,751,959
BIOELECTRON TECHNOLOGY CORPORATION 2,772,294
BIOSENSE WEBSTER (ISRAEL), LTD. 2,737,678
BISCHOFF, JEFFREY E. 2,806,321
BIVENS, DONALD BERNARD 2,930,803
BLACK, ALEXANDER DAVID 2,734,756
BLACKBERRY CORPORATION 2,625,820
BLACKBERRY LIMITED 2,743,689
BLACKBERRY LIMITED 2,768,287
BLACKBERRY LIMITED 2,769,267
BLACKBERRY LIMITED 2,799,293
BLACKBERRY LIMITED 2,829,233
BLACKBERRY LIMITED 2,830,854
BLACKBERRY LIMITED 2,836,939
BLAKBORN, WILLEM 2,821,276
BLANCHARD, RICHARD A. 2,927,763
BLAND, ALAN E. 2,800,166
BLICKHAN, BRYAN 2,825,824
BLISS, CODY L. 2,932,750
BLISS, TERRY LYNN 2,892,560
BLIZZARD, PHILIP J. 2,889,915
BLUESKY SOLUTIONS LIMITED 2,804,062
BLUNDON, ANDREW J. 2,825,930
BOARD, RUTH 2,700,710
BOCCHI, MONICA 2,802,584
BOCK, COLIN 2,904,923
BODHURI, PRABHUDAS 2,759,828
BOENSCH, CHRISTOF 2,782,273
BOERGER, JAMES C. 2,806,320
BOHLEN, JORG 2,804,238
BOLLA, LORENZO 2,734,614
BOLLINGER, STEPHEN A. 2,799,606
BOLYMEDIA HOLDINGS CO. LTD. 2,943,556
BOMSEL, MORGANE 2,750,067
BONELLI, SAURO 2,785,321
BONTU, CHANDRA SEKHAR 2,836,939
BOOTH, JANET SUZANNE 2,892,462
BOREALIS AG 2,931,179
BORENSTEIN, LIONEL 2,790,178
BOTTCHER, ANDREAS 2,956,526
BOVET, NICOLAS 2,798,103
BOWLER, DAVID B. 2,846,737
BOWLEY, RYAN THOMAS 2,955,924
BOWMAN, KENNETH 2,843,353
BOYER LARSON, JAMES 2,934,016
BOZONAT, JEAN 2,960,591
BRADLEY, ARTHUR 2,771,825
BRADLEY, GRANT 2,963,019
BRAHMBHATT, HIMANSHU 2,933,978
BRANDT, KEN 2,934,889
BRENT, RANDALL J. 2,905,744
BRIGANO, FRANK A. 2,934,016
BRINGER, JULIEN 2,743,954
BRODIN, PRISCILLE 2,793,086
BROMBERG, LESLIE 2,801,561
BROOKS, ERIC D. 2,943,206
BROOKS, MICHAEL JOHN 2,669,972
BROUSSEAU, MARTIN 2,747,145
BROWN, CRAWFORD RENFREW 2,803,291
BROWN, LUKE 2,887,456
BROWNELL, MICHAEL 2,744,332
BRUNELLE, HENRY 2,745,168
BRUSH, TIMOTHY JON 2,816,555
BRYON, ROEL MODEST WILLY 2,826,367
BTS RESEARCH INTERNATIONAL PTY LTD 2,764,446
BU, VINCENT L. 2,846,737
BURAKOV, DARYA 2,764,370
BURKE, JAMES A. 2,796,443
BURNS, MICHAEL J. 2,541,215
BURRIS, CHARLES 2,796,183
BURROWES, THOMAS GEORGE 2,980,678
BURTON, DAVID 2,501,607
BYZERY, ROMEO 2,925,675
C.R. BARD, INC. 2,936,205
CABRAL, CANDIDA BRAGA 2,961,362
CAI, HANCHENG 2,804,823
CALILUNG, RYAN 2,724,672
CAMP, RANDOLPH C., III 2,898,309
CAMSO INC. 2,701,662
CANO ODENA, ANGELS 2,697,401
CAO, LEI 2,816,555
CARDAX PHARMA, INC. 2,495,167
CARDOSA, MARY JANE 2,854,594
CARL FREUDENBERG KG 2,901,784
CARLSON, ROY FRANCIS 2,706,563
CARR, ROBERT 2,697,401
CARRIGAN, LORI LISA 2,925,780
CARRIGAN, LORI LISA 2,961,362
CARRIGAN, LORI LISA 2,961,377
CARRIGAN, LORI LISA 2,961,632
CARRILLO, DAVID 2,843,353
CARROLL, JEFFREY P. 2,816,555
CARRUYO, ISRAEL S. 2,818,765
CARTER, CHARLES ASHTON GARRET 2,760,264
CARVALHO, CARLOS 2,880,952
CASAUX-BIC, JEAN-MAURICE 2,807,913
CASE WESTERN RESERVE UNIVERSITY 2,815,192
CASPAR, ROMAN 2,948,489
CASTERA, JEAN-PAUL 2,882,380
CATABASIS PHARMACEUTICALS, INC. 2,772,618
CECHETTO, JONATHAN 2,793,086
CENDORI CO., LTD. 2,909,152
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,923,090
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,736,438
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,744,406
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,764,827
CERTAINTEED CORPORATION 2,837,573
CEVINI, GAIA 2,734,614
CHABANNE, HERVE 2,743,954
CHAMORRO, CARLOS O. 2,716,313
CHAN, PETER K. 2,892,567
CHANDLER, MICHAEL ADAM 2,961,163
CHANG GUNG UNIVERSITY 2,876,129
CHANG, PAUL C. 2,882,420
CHANG, SHUAI 2,773,101
CHAPMAN, JOHN S. 2,901,154
CHARLES AUSTEN PUMPS LTD. 2,950,227

CHEBROUX, CHRISTOPHE 2,935,915
CHEHAB, KHALED A. 2,812,204
CHEHAB, KHALED A. 2,812,206
CHEN, GANG 2,764,370
CHEN, GRACE 2,879,290
CHEN, KAIXIAN 2,888,024
CHEN, LONG 2,961,387
CHEN, TERRENCE 2,686,211
CHEN, WEI 2,881,715
CHEN, WO-HSING 2,706,563
CHEN, YILONG 2,805,910
CHEN, YIXIN 2,876,020
CHENG, CHIEH-MIN 2,912,290
CHENG, SHUJIANG 2,803,164
CHEP TECHNOLOGY PTY LIMITED 2,934,889
CHIESI FARMACEUTICI S.P.A. 2,785,321
CHIESI FARMACEUTICI S.P.A. 2,802,584
CHINNAPPA, MANJULA 2,786,357
CHIRINO, ARTHUR J. 2,916,863
CHISHOLM, HELEN 2,798,103
CHISHOLM, P. SCOTT 2,749,835
CHIVRAC, FREDERIC 2,933,151
CHO, AESOP 2,804,375
CHOI, BRYAN J. 2,899,642
CHRISTENSEN, DEAN WILLIAM 2,961,362
CHRISTENSEN, KELLY M. 2,768,033
CHRISTIANSON, DAVID W. 2,749,853
CHRISTOPHE, THIERRY 2,793,086
CHUGAI SEIYAKU KABUSHIKI KAISHA 2,603,408
CHUKANOV, ANDREY PAVLOVICH 2,918,127
CHUN, IKSOO 2,757,286
CHUNG, JOO T. 2,912,290
CIANCIUSI, RENATO 2,880,538
CIMA LABS INC. 2,798,700
CIPOLLO, NICHOLAS J. 2,824,465
CISZEWSKI, LECH 2,747,437
CITKOWICZ, ANDRZEJ 2,837,948
CLARIANT HEALTHCARE PACKAGING (FRANCE) S.A.S. 2,941,120
CLARK, CHRISTOPHER R. 2,879,290
CLARKE, MICHAEL O'NEIL HANRAHAN 2,804,375
CLENDENNING, CHARLES 2,769,925
CLOUDSIGHT, INC. 2,885,879
CLUTTERBUCK, TIMOTHY A. 2,812,204
CLUTTERBUCK, TIMOTHY A. 2,812,206
COCHRANE, DAWN 2,843,417
COFFEY, ROBERT THOMAS 2,816,555
COHEN, JEFFREY I. 2,571,261
COLASANTI, ANDREW VARGHA 2,749,853
COLEMAN, TRAVIS KORRY 2,961,369
COLEMAN, TRAVIS KORRY 2,961,377
COLEMAN, TRAVIS KORRY 2,961,601
COLLARD, JOSEPH 2,798,401
COMA, OLIVIER 2,935,915
COMAU LLC 2,746,143
COMCAST CABLE COMMUNICATIONS, LLC 2,824,708
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,800,175
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,772,087
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,772,217
COMPUMEDICS LIMITED 2,501,607
COMSTOCK, DAVID A. 2,786,357
CONAGRA FOODS RDM, INC. 2,772,529
CONOCOPHILLIPS COMPANY 2,741,763
CONSALO, CORINNE E. 2,901,154
CONSTELLIUM ISSOIRE 2,811,386
CONTI, PETER S. 2,804,823
CONTITECH TRANSPORTBANDSYSTEME GMBH 2,980,678
COOK, JOSEPH R. 2,927,929
COOMBE, BRENT JAMES-WILLIAM 2,955,924
COOPER, EDWARD L. 2,924,943
COOPER, MARK 2,961,547
COOPER, MARTIN 2,880,538
CORDTS, DETLEF 2,901,784
CORK, WILLIAM H. 2,825,824
CORRIDOR PHARMACEUTICALS, INC. 2,749,853
COSTABEBER, ETTORE MAURIZIO 2,927,256
COSTABEBER, ETTORE MAURIZIO 2,939,498
COULTER, STEWART M. 2,761,813
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH 2,787,722
COVESTRO DEUTSCHLAND AG 2,784,913
COVIDIEN LP 2,635,389
COWAN, KEVIN P. 2,910,611
COX, EDWARD M., JR. 2,571,261
COX, GERHARD 2,762,507
CPG INTERNATIONAL LLC 2,746,198
CRAUN RESEARCH SDN BHD 2,812,372
CRAVO, DANIEL 2,923,090
CRAWLEY, SETH L. 2,784,331
CREAFORM INC. 2,875,820
CREMONA, ALBERTO 2,812,142
CREWS, JAMES B. 2,920,687
CROPPER, DEAN 2,764,470
CUBIC CORPORATION 2,811,554
CULLY, EDWARD H. 2,932,750
CUMBERLIDGE, GARTH 2,752,891
CUMMINGS, PAUL 2,804,062
CUNNINGHAM, JOHN 2,963,102
CUNNINGHAM, PAUL JOSEPH 2,834,539
CUNNINGHAM, TIMOTHY J. 2,895,864
CURNA, INC. 2,798,401
CZARNY, ROMAIN 2,882,380
D'AGOSTINO, ANTONELLA 2,810,742
DAGESSE, PAUL 2,966,486
DAIGH, CHRISTINE A. 2,753,208
DALTON, JAMES T. 2,793,999
DAMLE, NITIN K. 2,927,022
DANAGHER, HELEN KATHLEEN 2,929,909
DANFOSS POWER ELECTRONICS A/S 2,707,167
DANFOSS POWER ELECTRONICS A/S 2,707,269
DANG, WEI 2,916,863
DARCY, JESSICA 2,927,727
DASARADHI, LAKKARAJU 2,841,054
DAVAIN, LOIC 3,004,825
DAVIES, HUW 2,794,565
DAVIS, MARK FRANKLIN 2,992,089
DAY, DAN DRESSKELL 2,882,420
DE LA CRUZ, MARILYN 2,747,437
DE ROSA, MARIO 2,810,742
DE TOMA, CARLO 2,800,930
DE VOS, PIETER ARTHUR ANNA 2,826,367
DE WOLF, CORNELIA ADRIANA 2,730,812
DEERE & COMPANY 2,751,959
DEERE & COMPANY 2,802,517
DEHAN, CHRISTOPHE 2,919,004
DEKA PRODUCTS LIMITED PARTNERSHIP 2,761,813
DEL BELLO, FRENCESCO 2,718,491
DELAET, URBAIN ALFONS CLEMENTINA 2,804,506
DELIGIA, AGOSTINO 2,747,145
DELPHIX CORP. 2,912,468
DEMATIC CORP. 2,936,289
DEMCHENKO, YURIY 2,820,402
DENG, XIANJUN 2,885,281
DENTSPLY IH AB 2,832,385
DENTSPLY IH AB 2,832,632
DEPREZ, BENOIT 2,806,825
DEPUY SYNTHES PRODUCTS, INC. 2,796,951
DESAI, DIPEN 2,895,529
DESCUBES, OLIVIER PIERRE 2,807,913
DESJARLAIS, JOHN RUDOLPH 2,916,863
DESJARLAIS, PIERRE 2,810,454
DEWALCH TECHNOLOGIES, INC. 2,624,953
DEWALCH, NORMAN BINZ 2,624,953
DEWALD, BRIAN 2,934,875
DIATECH HOLDINGS, INC. 2,768,013
DIAZ, LUIS 2,732,623
DICK, ANTHONY ROBERT 2,669,972
DIEHL, FRANK 2,732,623
DILL, DAVID A. 2,856,673
DIMARCHI, RICHARD D. 2,803,164
DIMASSIMO, PASCAL 2,747,145
DIMITRIJEVIC, BOJAN 2,893,808
DINGEL, DOUGLAS A. 2,816,555
DINGELDEIN, ELVIRA 2,763,946
DISCH, SASCHA 2,898,029
DIVERSAKORE LLC 2,767,517
DIXON, DAN KENNETH 2,790,146
DJURDJEVIC, DEANA 2,940,605

DOAN, TRAM BICH 2,682,612
DOBERSTEIN, STEPHEN KOHL 2,916,863
DOIG, DANIEL 2,925,254
DOLBY INTERNATIONAL AB 3,001,216
DOLBY INTERNATIONAL AB 3,001,227
DOLBY INTERNATIONAL AB 3,001,246
DOLBY LABORATORIES LICENSING CORPORATION 2,992,089
DOOLEY, MICHAEL JOHN 2,347,917
DORN, JAMES CHRISTOPHER 2,807,497
DORSHIMER, KURT 2,905,454
DOS SANTOS, JOSE RICARDO GONCALVES LEAL 2,688,189
DOTSEY, MICHAEL 2,746,198
DOVE, PETER 2,729,246
DOW AGROSCIENCES LLC 2,789,875
DOW GLOBAL TECHNOLOGIES LLC 2,801,354
DOW GLOBAL TECHNOLOGIES LLC 2,839,583
DOWGAILENKO, ALEX 2,747,145
DOWNHOLE TECHNOLOGY LLC 2,947,059
DOYLE JAMES, N., JR. 2,898,003
DRACOPOULOS, JOHN 2,790,178
DRAKE, RUSSELL N. 2,769,925
DSM IP ASSETS B.V. 2,767,873
DU, HAILONG 2,948,675
DU, WEI 2,829,990
DU, YUFU 2,932,745
DUBININ, PETR SERGEEVICH 2,936,695
DUNCAN, JEFFREY B. 2,932,750
DUNN, MALCOLM HARRY 2,758,762
DUNN, WILLIAM R. 2,915,261
DURUPT, FRANCOIS, EDOUARD, JULIEN 2,744,406
DYNAMIC BRANDS, LLC 2,841,554
DZIEDZIC, JERZY 2,816,555
E.I. DU PONT DE NEMOURS AND COMPANY 2,684,155
E.I. DUPONT DE NEMOURS AND COMPANY 2,930,803
EAR AND SKULL BASE CENTER, P.C. 2,911,559
EASTHAM, GRAHAM RONALD 2,817,641
EATON, ROBERT F. 2,839,583
EBAY INC. 2,861,826
ECHARRI, ROBERTO 2,796,951
ECOSERVICES, LLC 2,905,454
ECTON, MARK 2,984,205
EDDY, ALLISON A. 2,853,484
EDELMAN, CLINT STEVEN 2,926,633
EDELRIS 2,923,090
EESTOR, INC. 2,766,035
EFIMOV, IGOR R. 2,798,956
ELBI, OMER 2,880,538
ELCO ENTERPRISES, INC. 2,924,943
ELECTROLUX HOME PRODUCTS CORPORATION N.V. 2,769,869
ELIZIER, AMIR 2,763,946
ELLEFSON, DEAN C. 2,918,084
ELRICK, ANDREW 2,923,108
EMBRECHTS, WERNER CONSTANT JOHAN 2,757,592
EMORY UNIVERSITY 2,794,565
ENGENEIC MOLECULAR DELIVERY PTY. LTD. 2,933,978
ENGESAETER, BIRGIT OVSTEBO 2,430,334
ENGQVIST, STIG OLOV MAGNUS 2,739,174
ENS - ECOLE NORMALE SUPERIEURE DE LYON 2,923,090
EPIC SCIENCES, INC. 2,861,437
EPIROC ROCK DRILLS AKTIEBOLAG 2,803,297
EQUILINE S.R.L. 2,917,933
ESPLEY, RICHARD 2,617,405
ESTENFELDER, MARVIN 2,812,142
EUGSTER / FRISMAG AG ELEKTROHAUSHALTGERATE 2,778,137
EURO-CELTIQUE S.A. 2,929,909
EUSTERBARKEY, CARSTEN 2,889,048
EVANS, CHRISTOPHER O. 2,761,813
EVEON 2,919,004
EWANN, FANNY ANNE 2,793,086
EXPONENTIAL TECHNOLOGIES, INC. 2,735,567
EZEKIEL BUILDING SYSTEMS LLC 2,937,921
FABBRI, FRANCESCO 2,756,971
FABIEN, SIMON 3,004,825
FACC AG 2,805,877
FACEBOOK, INC. 2,963,367
FACET TECHNOLOGIES, LLC 2,869,345
FAES, STEVEN 2,796,183
FAN, DAMING 2,881,715
FAN, HONGYU 2,930,338
FANDL, JAMES P. 2,764,370
FARHADIROUSHAN, MAHMOUD 2,763,391
FARINA, CLAUDIO 2,787,727
FARLEY, DARRYL 2,924,810
FARRER, STEPHEN W. 2,782,990
FARRUGIA, VALERIE M. 2,933,404
FARSHCHIAN, SOHEIL 2,735,567
FAURE, ANNE 2,804,506
FEDEWA, RUSSELL JAMES 2,706,563
FEDOROV, VADIM V. 2,798,956
FELCH, CHAD L. 2,937,652
FENISTEIN, DENIS PHILIPPE CEDRIC 2,793,086
FENWAL, INC. 2,825,824
FERGUSON, JENNIFER 2,700,710
FERNANDES, JOANA 2,756,730
FERRARISPOWER CO., LTD 2,934,854
FERRY, STEVEN J. 2,670,132
FERTILITY LAB SCIENCES, LLC 2,795,562
FERUS INC. 2,806,115
FILTER SENSING TECHNOLOGIES, INC. 2,801,561
FILTRAUTO 2,825,363
FINK, RASMUS 2,707,167
FINK, RASMUS 2,707,269
FINNEY, BENJAMIN MICHAEL 2,769,267
FISHER & PAYKEL HEALTHCARE LIMITED 2,909,612
FISHER, DAVID WILLIAM 2,934,016
FISHER, MARK 2,797,833
FITCH, THOMAS C. 2,776,826
FIXTER, GREG PETER WADE 2,919,935
FLAEGSTAD, TROND 2,739,174
FLETCHER, DOUGLAS D. 2,975,708
FLEURY, SYLVAIN 2,750,067
FLINT, JOHN NOEL 2,916,320
FLORENCE, TIFFANY 2,858,211
FLORY, ANNY 2,839,583
FLYNN, DAVID 2,954,350
FOERSTER, SARAH 2,769,869
FOIX, LORI 2,934,016
FOLKENS, BRADFORD A. 2,885,879
FORSELL, PETER 2,776,450
FOUGHT, LORIANNE 2,806,419
FOURNIER, DAVID 2,738,480
FOYIL, KELLEY V. 2,798,956
FRANCE, DAVID W. 2,772,529
FRANKE, KEN 2,837,948
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,898,029
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,917,376
FREEDOM CONCEPTS INC. 2,904,923
FREHNER, MARCO 2,767,873
FREIBURG, MICHAEL 2,908,579
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,910,139
FREYNE, EDDY JEAN EDGARD 2,757,592
FRIEDMAN, ROGER E 2,892,462
FRIPP, MICHAEL L. 2,929,884
FRIPP, MICHAEL L. 2,930,256
FRIPP, MICHAEL L. 2,939,943
FRITZ EGGER GMBH & CO. OG 2,944,698
FRONIUS, JUERGEN 2,782,273
FU, LI 2,930,338
FU, YAN 2,888,024
FUERST, CHRISTIANE 2,767,251
FUHRKEN, PETER 2,753,208
FUJIFILM CELLULAR DYNAMICS, INC. 2,753,208
FUJIMURA, AKINORI 2,901,165
FUJIMURA, AKINORI 2,949,026
FUJITA, MASAKI 2,819,838
FUJITA, MASAKI 2,935,808
FULKERSON, JOHN 2,936,205
FULLY PLUS ENTERPRISE LIMITED 2,936,598
FUNOOGLES, LLC 2,927,727

FURIKOMA, MICHITAKA 2,930,888
FURIKOMA, MICHITAKA 2,930,891
FURUKAWA, JUN 2,772,217
GADEN, CEDRIC 2,960,591
GAGE, WILLIAM 2,830,854
GAIKWAD, RAHUL RAMCHANDRA 2,930,717
GAJJI, BHARGAV 2,930,717
GALE, KEVIN JOHNATHAN 2,804,062
GALIE, THERESA LYNN 2,942,391
GALLI, PAOLA 2,734,614
GAMM, HANS-GEORG 2,942,974
GARAY, SERGE 2,763,980
GARCIA FABREGA, RUBEN 2,722,059
GARCIA, GUSTAVO MARCELO 2,961,362
GARCIA, GUSTAVO MARCELO 2,961,369
GARCIA, GUSTAVO MARCELO 2,961,373
GARCIA, GUSTAVO MARCELO 2,961,377
GARCIA, GUSTAVO MARCELO 2,961,601
GARD, ERIC 2,815,723
GARDNER, SANDRA J. 2,933,404
GARIDEL, PATRICK 2,853,112
GAS SENSING SOLUTIONS LTD. 2,787,221
GAS SENSING SOLUTIONS LTD. 2,853,963
GASQUERES, CYRILLE 2,763,946
GATSKI, FRANK 2,964,974
GAYER, MARC 2,898,029
GCP APPLIED TECHNOLOGIES INC. 2,814,361
GEELS, TRAVIS J. 2,900,697
GENAW, WILLIAM JAMES 2,707,167
GENAW, WILLIAM JAMES 2,707,269
GENDREAU, LOUIS 2,745,168
GENERON (SHANGHAI) CORPORATION LTD. 2,809,900
GENESIS III, INC. 2,720,159
GENOVESIO, AUGUSTE 2,793,086
GERBER, HANS-PETER 2,861,437
GERLIGAND, PIERRE Y. 2,812,204
GERLIGAND, PIERRE Y. 2,812,206
GESIM - GESELLSCHAFT FUER SILIZIUM-MIKROSYSTEME MBH 2,803,023
GESTION ULTRA INTERNATIONALE INC. 2,745,168
GESTNER, BRIAN 2,968,991
GESTNER, BRIAN 2,969,343
GHIDINI, SILVIA 2,734,614
GHOSH, DEBASHIS 2,794,565
GIACOBBE, FERRUCCIO 2,863,854
GIBSON, DESMOND ROBERT 2,787,221
GIBSON, DESMOND ROBERT 2,853,963
GILARDONE, MARINE 2,923,090
GILEAD SCIENCES, INC. 2,802,288
GILEAD SCIENCES, INC. 2,804,375
GIMELLI, BRUNO 2,898,003
GINTHER, DAVID 2,724,672
GIOVACCHINI, PIERANGELO 2,787,727
GIRARDIN, MICHEL 2,777,738
GISBY, DOUGLAS MICHAEL 2,743,689
GIVENS, RICHARD W. 2,802,888
GLASER, MARK C. 2,892,567
GLOGER, DIETRICH 2,931,179
GNOSIS S.P.A. 2,835,691
GOBBATO, LORENZO 2,934,172
GOBBATO, MORENA 2,934,172
GOBRAN, TIMOTHY I. 2,772,824
GOETHLIN, LINDA 2,803,297
GOETSCH, LILIANE 2,801,264
GOJO INDUSTRIES, INC. 2,698,015
GOLDING, JAMES ANDREW 2,950,227
GOLESKI, VANESSA 2,787,194
GONNELLI, ROBERT R. 2,937,736
GONZALEZ-HILARION, SARA SOFIA 2,806,825
GOODHEART, SHELDON 2,853,433
GOODRICH CORPORATION 2,755,086
GOOGLE LLC 2,734,614
GOOGLE LLC 2,814,271
GORMAN, CHARLES THOMAS 2,772,529
GOROSHEVSKY, VALERIAN PAVLOVICH 2,843,394
GOSAI, BHARAT 2,772,824
GOSTEV, ANATOLI 2,811,554
GOSWAMI, ABHISHEK 2,787,722
GOTTFRIED, KRISTJAN 2,735,567
GOUIDER, MOHAMED 2,815,723
GOVARI, ASSAF 2,737,678
GRAF FERNANDEZ, RODRIGO 2,793,495
GRAHAM, JOHN 2,746,143
GRANDT, CHRISTOPHER 2,956,526
GRANT, KEVIN L. 2,954,350
GRAY, DENNIS 2,903,327
GRAZIANI, DAVIDE 2,800,930
GREEN, MARTIN 2,663,016
GREENE, CLARK V. 2,846,737
GREENEDEN U.S. HOLDINGS II, LLC 2,917,294
GREENEDEN U.S. HOLDINGS II, LLC 2,959,325
GREENING, DOUG CHRISTIAN 2,955,924
GREENING, DOUGLAS 2,934,875
GRENIER, DANNY 2,745,168
GRESTENBERGER, GEORG 2,931,179
GRUPPO FABBRI VIGNOLA S.P.A. 2,795,283
GU, QU-MING 2,887,104
GU, SHAOTING 2,846,737
GUARNERI, LUCIANO 2,800,930
GUAY, GERALD MICHAEL 2,761,813
GUENEAU, OLIVIER 2,935,915
GUHA, CHANDAN 2,706,563
GURIJALA, VENU R. 2,927,022
GURLEY, JASON 2,796,183
GUSEV, ALEKSANDR OLEGOVICH 2,936,695
GUSPRO INC. 2,778,027
GUTIERREZ, DIEGO 2,718,491
GWS TUBE FORMING SOLUTIONS INC. 2,769,348
H & L TOOTH COMPANY 2,769,925
HAEBERLEIN, JUERGEN 2,772,283
HAEHN, STEVEN J. 2,934,016
HAGE, RONALD 2,847,692
HAGENDORF, ANNIKA 2,767,251
HAIGH, NIGEL PETER 2,772,217
HAIR, MICHAEL L. 2,928,444
HALDOR TOPSOE A/S 2,817,272
HALLAKOU-BOZEC, SOPHIE 2,923,090
HALLDIN, ANDERS 2,832,385
HALLDIN, ANDERS 2,832,632
HALLIBURTON ENERGY SERVICES, INC. 2,867,679
HALLIBURTON ENERGY SERVICES, INC. 2,903,327
HALLIBURTON ENERGY SERVICES, INC. 2,917,754
HALLIBURTON ENERGY SERVICES, INC. 2,926,164
HALLIBURTON ENERGY SERVICES, INC. 2,928,471
HALLIBURTON ENERGY SERVICES, INC. 2,929,884
HALLIBURTON ENERGY SERVICES, INC. 2,930,256
HALLIBURTON ENERGY SERVICES, INC. 2,930,717
HALLIBURTON ENERGY SERVICES, INC. 2,934,158
HALLIBURTON ENERGY SERVICES, INC. 2,939,943
HALLIBURTON ENERGY SERVICES, INC. 2,965,966
HALLIBURTON ENERGY SERVICES, INC. 2,986,100
HALLIBURTON ENERGY SERVICES, INC. 2,986,684
HAMED, EHAB 2,798,700
HAMID, SHARIFAH BINTI 2,854,594
HAMMER, HANNO 2,756,485
HAMMER, JEROEN 2,909,612
HAN, ZHENGCHUN 2,909,539
HANEL & CO. 2,808,933
HANEL, JOACHIM 2,808,933
HANKING ELECTRONICS, LTD. 2,756,485
HANSSON, STIG 2,832,385
HANSSON, STIG 2,832,632
HARDMAN, IAN JAMES 2,925,998
HARLE, VIRGINIE 2,825,363
HARTMANN, ULRICH 2,920,557
HASEGAWA, SHIGEKI 2,916,455
HASSLACHER, MEINHARD 2,837,948
HATANO, KAZUHIRO 2,899,053
HAUCK, GERRIT 2,767,251
HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE 2,794,565
HAUSER, THOMAS 2,956,526
HAWLEY, RAYMOND D., III 2,797,833
HAWORTH, JOHN DAVID 2,674,026
HAYES, GEOFFREY GERARD 2,929,909
HAYES, ROBERT J. 2,916,863
HAYES, STEVEN J. 2,924,943

HAYWARD INDUSTRIES, INC. 2,987,531
HE, JIN 2,773,101
HEARNDEN, JANE ELLEN 2,829,233
HEATON, KEITH PATRICK 2,925,998
HEBEI THINK-DO ENVIRONMENT CO., LTD. 2,944,221
HEBERT, PATRICK 2,875,820
HEIDE, ALEXANDER 2,910,139
HEILEK, GABRIELLE 2,786,357
HELIX ENERGY SOLUTIONS (UK) LIMITED 2,805,697
HELLENS, ROGER 2,617,405
HELLER, DONALD F. 2,930,417
HELMRICH, CHRISTIAN 2,898,029
HELTON, KRISTEN 2,813,041
HEMBERG, ERIC O. 2,975,708
HEMBERG, OSCAR M. 2,975,708
HENDERSON, ISAAC CRAIG 2,853,112
HENKEL AG & CO. KGAA 2,805,045
HENRY COMPANY LLC 2,790,178
HENRY, ANDREW J. 2,929,352
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF HEALTH 2,833,425
HER MAJESTY THE QUEEN IN THE RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF HEALTH 2,787,194
HERMANN, THERON 2,807,102
HERMANNSSON, KORMAKUR HLINI 2,833,111
HERMANSSON, SOFIA 2,906,966
HERSEY, STEVEN H. 2,846,737
HETRONIC INTERNATIONAL, INC. 2,984,205
HEWGILL, GREGORY 2,904,454
HEYNS, PHILIP ERNA HORTENTIA GILBERT 2,804,506
HFI INNOVATION INC. 2,923,439
HICKS, RYAN 2,735,600
HILD, BRENT 2,776,826
HILTNER, ANNE P. 2,815,192
HIMMLER, THOMAS 2,791,829
HIRAOKA, TAKAO 2,950,700
HIRATA, HIROYUKI 2,938,190
HISAMITSU PHARMACEUTICAL CO., INC. 2,900,920
HISCHIER, MARK E. 2,904,454
HIX, LAURA M. 2,495,167
HIYAMA, KEIKO 2,755,260
HOANG, PETER PHUNG MINH 2,739,969
HOANG, PETER PHUNG MINH 2,749,835
HOANG, TUYEN TRONG 2,743,281
HOCHE, FLORIAN 2,772,283
HODLER, ROLF 2,866,119
HOEGANAES AB (PUBL) 2,744,009
HOFFMANN, DAVID J. 2,806,320
HOFFMANN, GUNTER 2,805,045
HOFFMANN, KNUT 2,805,045
HOGGATT, JONATHAN 2,742,876
HOGSET, ANDERS 2,430,334
HOLBA, ALBERT G. 2,741,763
HOLDEN, DANIAL E. 2,824,708
HOLLAND, GUY 2,809,140
HOLLINS, JAMIE LEE 2,880,538
HOLLINS, JONATHON GALE 2,880,538
HOLM, MARTIN SKOV 2,707,167
HOLM, MARTIN SKOV 2,707,269
HOLMGREN, DAVID 2,866,919
HOLOBINKO, JOHN 2,846,737
HONDA MOTOR CO., LTD. 2,802,855
HONEYWELL ASCA INC. 2,752,276
HONMA, NAOYUKI 2,976,953
HONNORAT, OLIVIER 2,969,992
HOOTS, JOSHUA LEE 2,987,531
HORBEZ, DOMINIQUE 2,825,363
HORSTMAN, NATHAN J. 2,751,959
HORTON, JOSEPH A. 2,796,951
HOTCHKISS, JAY ROBERT 2,952,472
HOWITZ, STEFFEN 2,803,023
HRIVNAK, LAWRENCE M. 2,846,737
HU, LEI 2,948,675
HU, NAN-XING 2,933,404
HU, XIAOPING 2,943,556
HU, YUNYAN 2,842,730
HUANG, SHUO 2,773,101
HUANG, YUAN 2,909,539
HUANG, YULIANG 2,809,900
HUANG, ZHIHUA 2,809,900
HUAWEI TECHNOLOGIES CO., LTD. 2,929,877
HUCK, NATHAN FOSTER 2,790,146
HUDA, STEPHEN 2,934,016
HUDDART, BRETT JOHN 2,909,612
HUDDLE, THOMAS ANDREW 2,817,641
HUETT, VOLKER 2,762,507
HUGHES, PATRICK M. 2,796,443
HULF, TOBY 2,933,978
HUNTER DOUGLAS INDUSTRIES B.V. 2,804,238
HUNTER, KEVIN E. 2,719,073
HUNTSMAN INTERNATIONAL LLC 2,697,401
HURST, NELSON E., III 2,816,555
HWONG, DEREK 2,940,605
HYLAND, THOMAS PATRICK 2,757,286
I.N.S.E.R.M. (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,798,336
ICM INSTITUT REGIONAL DU CANCER DE MONTPELLIER 2,798,336
IDEAL POWER INC. 2,927,763
IESATO, HISAYUKI 2,833,244
IFP ENERGIES NOUVELLES 2,756,730
IGAWA, TOMOYUKI 2,603,408
IGNATCHENKO, SERGEY 2,907,992
IHI CORPORATION 2,930,888
IHI CORPORATION 2,930,891
ILLINOIS TOOL WORKS INC. 2,904,454
ILLINOIS TOOL WORKS INC. 2,929,352
ILLINOIS TOOL WORKS INC. 2,959,889
IMANISHI, HIROYUKI 2,911,957
IMPLANDATA OPTHALMIC PRODUCTS GMBH 2,861,463
INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION 2,742,876
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION 2,803,164
INDUS BIOTECH PRIVATE LIMITED 2,880,439
INFINEUM INTERNATIONAL LIMITED 2,774,619
INGRAM, SHANNON C. 2,925,998
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,750,067
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,923,090
INSTITUT CURIE 2,736,438
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,793,086
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,806,825
INSTITUT PASTEUR DE LILLE 2,806,825
INSTITUT PASTEUR KOREA 2,793,086
INSTITUT-TELECOM/TELECOM SUDPARIS 2,803,744
INSTITUTT FOR ENERGITEKNIKK 2,767,416
INTEGRA BIOSCIENCES AG 2,982,579
INTER IKEA SYSTEMS B.V. 2,856,223
INTERDIGITAL TECHNOLOGY CORPORATION 2,691,682
INTERNATIONAL PAPER COMPANY 2,922,368
INTEROJO INC. 2,947,829
INVISI SHIELD LIMITED 2,803,291
IRITSUKI, KEITA 2,992,009
ISCAR GSE CORP. 2,818,765
ISHIKAWA, YUJI 2,900,920
ITO, YASUHIRO 2,944,770
IVERSEN, GRIM HEGLAND 2,814,271
IVERSEN, STEEN BRUMMERSTEDT 2,838,873
IVERSON, BENJAMIN J. 2,903,327
IZUMI, TAKAO 2,992,009
J.R. SIMPLOT COMPANY 2,623,266
JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC. 2,957,916
JACKSON, HENRY 2,495,167
JACOBS, GREGORY F. 2,837,573
JACOBS, PAUL E. 2,688,189

JAEB, JONATHAN PAUL 2,925,998
JAEGER, DARYL J. 2,754,096
JAGER, MARKUS 2,908,579
JAGTAP, PRASAD D. 2,816,555
JAIN, ANEKANT 2,895,529
JALAGUIER, JEAN-PIERRE 2,969,992
JAMILUDDIN, MOHAMAD FAKRUDDIN 2,854,594
JAMISON, DALE E. 2,928,471
JAMUNG, HEO 2,793,086
JANKE, BRIAN P. 2,718,491
JANS, EUGEEN MARIA JOZEF 2,804,506
JANSSEN PHARMACEUTICA NV 2,804,506
JAUREGUIBERRY, CAROLE 2,807,913
JEHLE, WALTER 2,854,151
JENKINS, ROBERT L. 2,837,573
JEON, HEEKYOUNG 2,793,086
JEONG, JIN-HEE 2,800,561
JEZEQUEL, OLIVIER 2,820,784
JIANG, HUALIANG 2,888,024
JIANG, YONG 2,847,692
JIANGNAN UNIVERSITY 2,881,715
JIMENEZ, TEODORO S. 2,936,205
JIN, JUN 2,909,539
JIROUSEK, MICHAEL R. 2,772,618
JIYEON, JANG 2,793,086
JOANNY, FABIENNE 2,724,992
JOESTINGMEIER, HORST 2,882,380
JOHNSON & JOHNSON RESEARCH PTY LIMITED 2,682,612
JOHNSON & JOHNSON VISION CARE, INC. 2,812,204
JOHNSON & JOHNSON VISION CARE, INC. 2,812,206
JOHNSON, DAVID WILLIAM 2,817,641
JOHNSON, LUCAS CHARLES 2,959,889
JOHNSON, ROYCE W. 2,925,998
JONES, AMY MARIE 2,760,264
JONES, BRETT C. 2,928,444
JONES, DARRELL DARWIN 2,882,420
JOTOKU, KANA 2,938,190
JOURDAN, MICHAEL 2,820,784
JUAN, ALEJANDRO 2,735,567
JUBIN, PHILIPPE F. 2,812,204
JUBIN, PHILIPPE F. 2,812,206
JUHASZ, TIBOR 2,809,140
JX NIPPON MINING & METALS CORPORATION 2,899,053
KABUSHIKI KAISHA YAKULT HONSHA 2,755,260
KADOWAKI, KOJI 2,935,808
KAIP PTY LIMITED 2,797,196
KALOTA, DENNIS J. 2,738,066
KAMAEVA, SVETLANA SERGEEVNA 2,843,394
KAMEN, DEAN 2,954,350
KAMINAKA, KAZUYOSHI 2,900,920
KAMIYA, EIJI 2,930,888
KAMIYA, EIJI 2,930,891
KAMM, WALTER 2,767,251
KAMMERER, BERNHARD 2,805,877
KANEKO, NORIKO 2,718,157
KANG, SUNHEE 2,793,086
KANG, XINSHAN 2,842,730
KANNER, GLENN 2,799,606
KANNO, RYUZO 2,930,888
KANNO, RYUZO 2,930,891
KAO, JUI-CHIEN 2,979,139
KAPELEVICH, VITALY 2,909,612
KARAMFILOVA, KATIA DIMITROVA 2,800,930
KARASEK, BRYAN 2,906,711
KARCZEWICZ, MARTA 2,862,311
KARIMI, KAMIAR J. 2,882,057
KARKI, SHER BAHADUR 2,916,863
KARPINSKI, PIOTR H. 2,747,437
KASEKO, GALINA 2,764,446
KASHIV PHARMA, LLC 2,895,529
KASPER, DIRK 2,805,045
KATATA, HIROYUKI 3,001,216
KATATA, HIROYUKI 3,001,227
KATATA, HIROYUKI 3,001,246
KATZ-JAFFE, MANDY 2,795,562
KAUL, STEFAN 2,854,151
KAUR, AMANPREET 2,878,873
KAWAHARA, SHUYA 2,916,455
KCI LICENSING, INC. 2,925,998
KEARBEY, JEFFREY 2,793,999
KEDRION S.P.A. 2,787,727
KELDENICH, JOERG 2,750,769
KELWASKI, HERMAN EDWARD 2,805,632
KEMP, RICHARD WILLIAM 2,847,692
KENINGLEY, STEPHEN THOMAS 2,813,699
KENNEDY, JOHN M. 2,957,916
KENNEDY, WILLIAM R. 2,957,916
KENNY, DANIEL JAMES 2,663,016
KERSTIENS, THOMAS 2,942,974
KERWIN, JOHN M. 2,761,813
KHEIFETS, VIKTORIA 2,772,294
KHOLAIF, AHMAD MOHAMMAD 2,799,293
KHORKOVA SHERMAN, OLGA 2,798,401
KIDD, MELISSA DRECHSEL 2,707,167
KIDD, MELISSA DRECHSEL 2,707,269
KIEST, LARRY W., JR. 2,888,460
KIESWETTER, KRISTINE 2,925,998
KIGUCHI, SO 2,813,367
KILPELAINEN, ILKKA 2,805,451
KIM, JAESEUNG 2,793,086
KIM, JUNG-JIN 2,800,561
KIM, PHILLIP 2,768,013
KIM, SUN-MIN 2,798,558
KIM, YOUNG MI 2,793,086
KIMPEL, RICK R., JR. 2,906,711
KIMURA, KEISUKE 2,795,068
KINDARJI, BRUNO 2,743,954
KINDER, HANS-JUERGEN 2,762,507
KING, ALISTAIR W. T. 2,805,451
KING, STEVEN PAUL 2,925,780
KING, STEVEN PAUL 2,961,360
KING, STEVEN PAUL 2,961,373
KINZLER, KENNETH W. 2,732,623
KIRCHHOFF AUTOMOTIVE DEUTSCHLAND GMBH 2,983,381
KIRCHHOFF, JOERG 2,784,913
KIREMITCI, KIRKOR 2,774,787
KIRIK, SERGEY DMITRIEVICH 2,936,695
KIRK, GRAHAM CHARLES 2,750,437
KITAGAWA, MASAYUKI 2,847,114
KLEIBACKER, DERIK W. 2,741,763
KLEIN, DAVID E. 2,943,206
KLEIN, JEROME A. 2,802,888
KLEIN, PAMELA 2,853,112
KLEIN, SAMUEL 2,954,350
KLEINFELD, JENS 2,956,526
KLEVANA, LEIGHTON 2,841,554
KLIMPEL, ERIK ROBERT 2,934,016
KMIEC, CHESTER J. 2,839,583
KNAPMEYER, JAMES TERRY 2,942,391
KNAPP, TROY D. 2,900,697
KNIESEL, CLAUDIA 2,931,179
KNOENER, CRAIG STEVEN 2,959,889
KOBAYASHI, TAKAYUKI 2,856,110
KOBAYASHI, TETSUYA 2,802,288
KOBO PRODUCTS, INC. 2,746,072
KOCH, JUSTIN 2,806,901
KOCSIS, JODY A. 2,784,331
KOEHLER, ERIC 2,814,361
KOENIG, MICHAL JAMES 2,688,189
KOENIG, THOMAS 2,784,913
KOLESNIKOV, IGOR SERGEEVICH 2,843,394
KOLLAH, RAPHAEL 2,926,633
KOLLBAUM, PETE S. 2,771,825
KOLTUN, DMITRY 2,802,288
KOMATSU, GAKUSHI 2,991,874
KOMET GROUP GMBH 2,782,273
KOO, JA-IL 2,934,854
KORTEBEIN, CYNTHIA J. 2,778,027
KOSTENICK, PAUL G. 2,882,420
KOU, BINBIN 2,803,164
KRAMER, NIKLAS 2,782,273
KRENZ, URSULA 2,750,769
KREUTZER, PHILIPP 2,942,974
KRIEGER, TOBIAS 2,956,526
KRISHNAMURTHY, GOWRI 2,943,795
KRISHNAMURTHY, THINNAYAM NAGANATHAN 2,929,909
KRUEGER, MARC 2,778,137
KRUGER, MICHAEL 2,908,579
KUCERA, SAMUEL C. 2,928,444
KUDRNA, PAUL JOHN 2,769,267
KUHLMAN, ROGER L. 2,801,354
KURIHARA, SHINNOSUKE 2,938,190
KUSZLIK, ANDRZEJ 2,827,595
KUZNETSOV, ANDREY LEIONIDOVICH 2,840,894
KWON, YONG-SIK 2,800,561
KX TECHNOLOGIES, LLC 2,934,016
KYRIAZIS, ARTHUR 2,814,361
KYS, JAMES E. 2,769,348
LA GATTA, ANNALISA 2,810,742
LA PAOLA, DAVIDE 2,756,971
LA SOCIETE BIOLIE 2,777,738

LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES 2,798,336
LABOURDETTE, GILBERT 2,806,419
LABRUZZO, CARLA 2,799,893
LACHMANSINGH, CLIFTON 2,772,529
LACROIX, CHRISTOPHER 2,982,579
LACROIX, FRANCIS 2,747,145
LADEMANN, HELMUT 2,793,573
LAI, WANG-LIN 2,923,439
LAIHO, MARIKKI 2,912,456
LALLEMAND, MICHAEL 2,825,363
LALLEMENT, DANIEL 2,935,915
LAM, LAN TRIEU 2,772,087
LAM, LAN TRIEU 2,772,217
LANDONIO, ERNESTO 2,802,584
LANE, MARVIN 2,743,812
LANGENFELD, CHRISTOPHER C. 2,761,813
LANGLOSS, TIM 2,954,350
LANT, KIMBERLY 2,920,687
LANTZ, DAN 2,934,889
LARAT, CHRISTIAN 2,882,380
LAROUCHE, FREDERIC 2,992,303
LARSON, MARCO 2,942,974
LAU, SIU FAI 2,936,598
LAUNDER, BRIAN L. 2,769,925
LAVILLE, FREDERIC 2,952,220
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RAVA, RICHARD P. 2,786,357
RAVETTO, PAUL FRANCIS 2,700,710
RAVIKIRAN, RAMAKRISHNA 2,835,352
RAWLINS, RUDY 2,799,293
REARICK, BRIAN 2,926,633
RECHERCHE 2000 INC. 2,793,573
RECKITT & COLMAN (OVERSEAS) LIMITED 2,816,669
RECORDATI IRELAND LIMITED 2,800,930
REDDY, BALAKRISHNA 2,757,901
REED, SHAWN ALLEN 2,924,810
REGENERON PHARMACEUTICALS, INC. 2,764,370
REHBERG, ERIC 2,926,993
REICH, STEFAN 2,956,526
REID, STEPHEN 2,923,108
REINBERG, MARC 2,942,974
REINHARDT, JAMES 2,807,102
REISTROFFER, JEFFREY P. 2,831,630
REKDAL, OYSTEIN 2,738,974
REKDAL, OYSTEIN 2,739,174
REKER, ALFRED 2,824,831
RELIANCE WORLDWIDE CORPORATION 2,968,991
RELIANCE WORLDWIDE CORPORATION 2,969,343
REMET CORPORATION 2,963,019
REMPE, TORSTEN 2,984,205
RENK LIMITED LIABILITY COMPANY (RENK LLC) 2,840,894
RETTIG, KATHERINE M. 2,806,321
REVOL, MARC 2,822,913
REYES, CARLOS 2,724,672
REYTIER, MAGALI 2,800,175
RHEEM MANUFACTURING COMPANY 2,924,810
RHEINMETALL LANDSYSTEME GMBH 2,824,831
RHINEHART, EDWARD J. 2,910,611
RHODIA OPERATIONS 2,825,363
RIAHI, AKBAR 2,917,294
RICE, ROBERT M. 2,905,454
RICHER, JENNIFER 2,843,417
RICHMOND, JOSHUA 2,958,494
RICHTER, JACOB 2,749,578
RICHTER, MARKUS 2,914,238
RICHTER, YORAM 2,749,578
RICK, KYLE R. 2,635,389
RICOCHON, GUILLAUME 2,777,738
RICOH COMPANY, LTD. 2,950,700
RIECK, HEIKO 2,806,419
RIEGERT, CHRISTIAN 2,747,437
RIERA GINER, MONTSERRAT 2,722,059
RIPPLINGER, CRYSTAL M. 2,798,956
RISTOCK, HERBERT W.A. 2,959,325
RISTOCK, HERBERT WILLI ARTUR 2,917,294
RITE-HITE HOLDING CORPORATION 2,806,320
RIVA, CARLO 2,800,930
RIZZO, VINCENT 2,880,952
ROBERT BOSCH GMBH 2,819,807
ROBERT, JOERG 2,789,648
ROBINSON, MICHAEL R. 2,796,443
ROBINSON, TIMOTHY MARK 2,925,998
ROCHE, DIDIER 2,923,090
ROCHETTE, FELIX 2,875,820
RODGERS, LAUREN 2,796,023
ROFFMAN, JEFFREY H. 2,812,204
ROFFMAN, JEFFREY H. 2,812,206
ROGERS COMMUNICATIONS INC. 2,820,402
ROMAGNOLI, MARCO 2,734,614
ROMAGUERA MATAS, JORDI 2,805,045
ROMER, TINA 2,766,856
ROMMENS, CAIUS 2,623,266
RONG, GUANGZHUO 2,980,678
RONG, GUOQIANG 2,929,877
ROSA CALATRAVA, MANUEL, MELCHIOR, JEAN-PIERRE 2,744,406
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,821,276
ROSS, MICHAEL 2,872,935
ROSSETTO, FRANCESCA 2,635,389
ROTHBAUER, ULRICH 2,766,856
ROY, VINCENT 2,764,827
RUDER, EDWARD 2,879,290
RUHMANN, SWEN KAI 2,994,851
RUIZ, FRANCISCO DE ASIS F. 2,751,959
RUSSO, FRANK 2,861,826
RUZHNIKOV, SERGEY GRIGOR'EVICH 2,936,695
RYAN, MAUREEN 2,788,289
RYCHIGER AG 2,866,119
S&C ELECTRIC COMPANY 2,872,935
SA DES EAUX MINERALES D'EVIAN SAEME 2,933,151
SAFRAN ELECTRONICS & DEFENSE 3,004,825
SAFRONOV, BORIS VLADIMIROVICH 2,918,127
SAHORES, JEAN-LUC PIERRE 2,807,913
SAIKIA, PARTHA PRATIM 2,787,722
SAINT-GOBAIN GLASS FRANCE 2,893,808
SAKAGUCHI, YUKA 2,935,808
SALAHIEH, ALI 2,959,354
SALAHIEH, AMR 2,959,354
SALITURO, FRANCESCO G. 2,766,873
SALITURO, FRANCESCO G. 2,805,669
SALVAGIOTTO, GIORGIA 2,753,208
SAMAMA, NEL 2,803,744
SAMMOUR, MOHAMMED 2,691,682
SAMPSON, KEVIN 2,940,605
SAMSUNG ELECTRONICS CO., LTD. 2,798,558
SAMSUNG ELECTRONICS CO., LTD. 2,800,561
SANCHEZ, ERIC 2,756,730
SANDERS, BLANE 2,925,998
SANGHVI, NARENDRA T. 2,706,563
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,767,251
SANTACATTERINA, GIANPIERO 2,718,491
SANTERRE, PAUL 2,979,429
SAPPOK, ALEXANDER 2,801,561
SARAGOVI, HORACIO URI 2,752,891
SARONG SOCIETA' PER AZIONI 2,807,100
SARRO, JEAN-LUC 2,800,175
SATCHIVI, NORBERT M. 2,789,875
SATOU, AKINA 2,718,157
SAUER, STEEN 2,763,841
SAUL, TOM 2,959,354
SAUNDERS, JEFFREY O. 2,766,873
SAUNDERS, JEFFREY O. 2,805,669
SAURER, DAN PARNELL 2,917,754
SAUSER, EDWIN J. 2,756,968

SAVAGE, VINCENT 2,919,935
SAVANT SYSTEMS, LLC 2,824,465
SAVARD, PHILIPPE 2,803,497
SAW, PIEW SOE 2,934,875
SAXENA, AJIT KUMAR 2,787,722
SAXTY, GORDON 2,757,592
SAYLOR, RYAN 2,724,672
SCA HYGIENE PRODUCTS AB 2,906,966
SCHAFER, MARC 2,942,974
SCHALL, GUNTHER 2,893,808
SCHARLAUG, NADINE 2,889,048
SCHELL, GERALD 2,827,201
SCHEMBRI, DARYL 2,820,402
SCHIAVINA, ANDREA 2,795,283
SCHICKLI, ERIC MITCHELL 2,933,845
SCHIEGL, WALTER 2,944,698
SCHILLER, CHRISTIAN 2,920,557
SCHILTZ, BRIAN SCOTT 2,968,796
SCHILTZ, GARY WAYNE 2,968,796
SCHIRALDI, CHIARA 2,810,742
SCHLIPF, BEN 2,806,901
SCHLOSSMAN, DAVID 2,746,072
SCHLUMBERGER CANADA LIMITED 2,798,131
SCHMIDT, KERSTIN 2,732,623
SCHMIDT, THOMAS 2,762,507
SCHMIDTHALS, KATRIN 2,766,856
SCHMITZ, LUIS CARLOS 2,916,127
SCHMITZER, PAUL R. 2,789,875
SCHNEEBERGER, RICARDO 2,747,437
SCHNEIDER, JAY L. 2,912,290
SCHNEIDER, OLIVER 2,942,974
SCHNELLINGER, THOMAS S. 2,761,813
SCHNIEDERS, JULIA 2,767,251
SCHOENHERR, MICHAEL 2,762,507
SCHOETTLE, ISABELL 2,767,251
SCHOLTEN, DICK 2,861,463
SCHOOLCRAFT, WILLIAM B. 2,795,562
SCHOTT AG 2,811,187
SCHULER, FRANCESCA 2,917,033
SCHUMACHER, RYAN W. 2,802,517
SCHWARTZ, MICHAEL T. 2,889,915
SCHWARTZ, MICHAEL W. 2,903,327
SCHWEERBAU GMBH & CO. KG 2,892,095
SCHWENGBER-WALTER, ROBERT 2,920,557
SCOTT, J. BRYAN 2,879,290
SCOTT, STEPHEN H. 2,749,487
SEATTLE CHILDREN'S RESEARCH INSTITUTE 2,853,484
SEATTLE GENETICS, INC. 2,788,289
SEHRA, RUCHIR 2,795,767
SEIP, RALF 2,706,563
SEITZ, THOMAS 2,791,829
SEKAB E-TECHNOLOGY AB 2,711,291
SELA, GAL 2,958,494
SELLAKUMAR, KUMAR MUTHUSAMI 2,800,166
SENFLEBEN, JASON 2,806,320
SENTINEXT THERAPEUTICS SDN BHD 2,854,594
SENVION SE 2,889,048
SEO, MIN JUNG 2,793,086
SEPARATION TECHNOLOGIES LLC 2,809,268
SERDAREVIC, OLIVIA 2,930,417
SEREGIN, VADIM 2,862,311
SERT, BULENT 2,809,268
SEVERINI, ALBERTO 2,787,194
SHADICK, OWEN 2,850,083
SHAH, NAVNIT H. 2,895,529
SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES 2,888,024
SHAO, YUN 2,746,072
SHAPORIN, IGOR IVANOVICH 2,847,171
SHARIFPOOR, SOROR 2,979,429
SHARMA, MADHUNIKA 2,787,722
SHARP, DAVID ALLEN 2,945,057
SHATALIN, SERGEY 2,763,391
SHAW, BENJAMIN MILTON 2,739,969
SHELLENBERGER, TIMOTHY J. 2,924,810
SHENZHEN TIME WAYING TECHNOLOGY CO., LTD. 2,885,281
SHEPHERD, WILLIAM ERIC 2,950,227
SHERMAN, MICHAEL J. 2,934,016
SHERRIFF, ANDREW JOHN 2,805,730
SHETTY, DHANURAJ S. 2,757,286
SHEVCHENKO, RUSLAN ALEKSEEVICH 2,918,127
SHIBATA, SATOSHI 2,772,217
SHIFAMED HOLDINGS, LLC 2,959,354
SHIMAMURA, YASUHIRO 2,930,888
SIEFKE-HENZLER, VERENA 2,767,251
SIEMENS AKTIENGESELLSCHAFT 2,737,988
SIEMENS AKTIENGESELLSCHAFT 2,914,238
SIEMENS AKTIENGESELLSCHAFT 2,920,557
SIEMENS AKTIENGESELLSCHAFT 2,942,974
SIEMENS AKTIENGESELLSCHAFT 2,955,206
SIEMENS AKTIENGESELLSCHAFT 2,956,526
SIEMENS ENERGY, INC. 2,937,652
SILIXA LTD 2,763,391
SILVERMAN, SARAH 2,729,246
SILVERNAIL, NATHAN J. 2,905,744
SIMAKOV, DMITRIY ALEKSANDROVICH 2,936,695
SIMARD, CHARLES-OLIVIER 2,747,145
SIMPSON, BILLY 2,915,011
SINGH, GAGANDEEP 2,880,538
SINGH, PRATIBHA 2,742,876
SINGH, RANJIT A. 2,772,824
SINGH, SHARAT 2,768,013
SINVENT AS 2,886,347
SIPKA, INC. 2,841,054
SIRIO PANEL S.P.A. 2,756,971
SMALLEY, MATTHEW DAVID 2,961,163
SMART TECHNOLOGIES ULC 2,866,919
SMARTT, BRIAN 2,625,820
SMED-TA/TD, LLC 2,900,697
SMITH, CHRISTOPHER E. 2,809,826
SMITH, DOUGLAS M. 2,897,065
SMITH, MICHAEL L. 2,839,583
SMITH, RICHARD G. 2,872,935
SMITH, ROGER A. 2,927,022
SMITH, STANLEY B., III 2,761,813
SMYTH, THOMAS J. 2,768,033
SMYTHE, MARK LESLIE 2,347,917
SNAP NETWORK SURVEILLANCE PTY LIMITED 2,669,972
SNAPCHAT, INC. 2,894,332
SNECMA 2,796,170
SNECMA 2,843,686
SNELL, PETER S. 2,777,408
SOCCI, LUCIANO 2,734,614
SODIUM LIMITED 2,772,829
SOEDERBERG, ERIC M. 2,954,350
SOFAR SPA 2,799,893
SOJAK, RICHARD 2,769,348
SOLARIS OILFIELD SITE SERVICES OPERATING LLC 2,963,102
SOLENIS TECHNOLOGIES CAYMAN, L.P. 2,887,104
SOLENIS TECHNOLOGIES CAYMAN, L.P. 2,892,560
SOLENIS TECHNOLOGIES CAYMAN, L.P. 2,901,154
SOLODOVNIK, EUGENE V. 2,882,057
SOLOVAY, KENNETH S. 2,954,350
SOMASUNDARAM, SHANKAR 2,691,682
SONACARE MEDICAL, LLC 2,706,563
SONG, WEIXIN D. 2,828,308
SONY CORPORATION 2,789,648
SOREAU, DIDIER 2,820,784
SORSTROM, STEIN ERIK 2,886,347
SOTIROPOULOS, PANAGIOTIS 2,848,904
SPECGX LLC 2,738,066
SPECTRUM BRANDS, INC. 2,843,353
SPENCER, BRIAN E. 2,806,115
SPENCER, ZACHARY B. 2,806,115
SPICER GELENKWELLENBAU GMBH 2,984,233
SPIEGEL, EVAN 2,894,332
SPOHN, MICHAEL A. 2,910,611
SPOONER, CHRISTOPHER DOUGLAS JAMES 2,919,935
SPRING TECHNOLOGIES 2,935,915
SPRONKEN, JOHN R. 2,989,842
SQUARE, INC. 2,879,290
SRINIVASAN, RAGAVAN 2,963,367
STA-RITE INDUSTRIES, LLC 2,707,167
STA-RITE INDUSTRIES, LLC 2,707,269
STADELMEIER, LOTHAR 2,789,648
STALCUP, GREGORY C. 2,900,697
STANISH, MARTIN J. 2,936,289
STANPAC INC. 2,963,825
STAPLES, LAUREN 2,807,102
STAPPER, MARTIN 2,942,974
STARCK, ALLAN MALCOLM 2,804,062
STEENWYK, MATTHEW A. 2,936,289
STEEPER ENERGY APS 2,838,873

STEIGER, DOMINIQUE 2,806,419
STEIN, THOMAS 2,984,233
STENSEN, WENCHE 2,738,974
STENSEN, WENCHE 2,739,174
STEPAN COMPANY 2,835,352
STEPANOV, VADYM 2,811,491
STEPANSKI, MANFRED 2,827,595
STEVENSON, CHERI A. 2,927,022
STEWART, MICHAEL JAMES 2,912,468
STOLPMAN, VICTOR 2,934,158
STONE, JON TERENCE 2,987,531
STONE, MATTHEW T. 2,938,549
STORA ENSO OYJ 2,805,451
STOTHARD, DAVID JAMES MARK 2,758,762
STRANSKY, NICOLAS 2,736,438
STRAPOC, DARIUSZ 2,741,763
STRATOSAUDIO, INC. 2,768,033
STROCK, NICKY 2,802,855
STUHRMANN, JAN 2,983,381
STUKANOV, IGOR 2,582,931
SUD-CHEMIE CATALYSTS ITALIA S.R.L. 2,812,142
SUESSMEIER, FRANK 2,750,769
SULZER CHEMTECH AG 2,827,595
SUMITOMO CHEMICAL COMPANY, LIMITED 2,813,367
SUN, HUBERT KEN 2,912,468
SUN, SHIJUN 3,001,216
SUN, SHIJUN 3,001,227
SUN, SHIJUN 3,001,246
SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD. 2,805,910
SURI, NITASHA 2,787,722
SURYANARAYANA, LALITHA B.S. 2,719,073
SUTMAN, FRANK J. 2,887,104
SUZUKI, HIROYUKI 2,911,497
SUZUKI, YASUHIRO 2,991,874
SUZUKI, YUHEI 2,938,190
SVECHKOPALOV, ANATOLY PETROVICH 2,847,171
SVENDSEN, JOHN SIGURD 2,738,974
SVENDSEN, JOHN SIGURD 2,739,174
SWAIN, HELEN ANNE 2,682,612
SWANLUND, STEVEN P. 2,772,529
SWEENEY, PETER 2,734,756
SWISS SPA SYSTEM LTD. 2,898,003
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,958,494
SZALMA, STEPHEN JOSEPH 2,925,780
SZALMA, STEPHEN JOSEPH 2,961,362
SZCZYPINSKI, DAVID KAZMIERZ 2,769,267
TADLOCK, ROBERT 2,796,183
TAKADA, TOSHIMICHI 2,772,217
TAKIGAWA CORPORATION JAPAN 2,909,235
TAKIGAWA, HIROYUKI 2,909,235
TAME, OMAR D. 2,816,555
TAN, YIMING 2,948,675
TANAHASHI, KAZUHIRO 2,819,838
TANAHASHI, KAZUHIRO 2,935,808
TANAKA, SOICHI 2,813,367
TANG, HONGMING 2,805,910
TANG, PEIFU 2,948,675
TANG, XICAN 2,888,024
TANIMOTO, KEIJI 2,755,260
TARAPASKI, WILLIAM ERNEST 2,845,999
TARTAGLIA, GIOVANNI 2,801,591
TAVEAU, SEBASTIEN 2,805,026
TE CONNECTIVITY CORPORATION 2,743,900
TEBOUL, BENJAMIN 2,843,686
TECHNIP FRANCE 2,816,138
TECHNIP FRANCE 2,825,930
TECNIPLAST S.P.A. 2,801,591
TEIJIN PHARMA LIMITED 2,804,504
TEKA INDUSTRIAL S.A. 2,718,491
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,708,070
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,835,849
TEREX USA, LLC 2,756,968
TERMANINI, ZAFER 2,954,500
TERRIER, OLIVIER 2,744,406
TERUMO MEDICAL CORPORATION 2,771,513
TESCO CORPORATION 2,934,875
TESCO CORPORATION 2,955,924
TEXIER, JEAN-MICHEL 2,747,145
THALES 2,820,784
THALES DEUTSCHLAND GMBH 2,882,380
THANGARAJ, JOHN APPADURAI 2,841,054
THE BOEING COMPANY 2,882,057
THE BOEING COMPANY 2,882,420
THE BOEING COMPANY 2,883,697
THE BOEING COMPANY 2,887,456
THE BOEING COMPANY 2,892,462
THE BOEING COMPANY 2,898,309
THE DOLLFUS MIEG COMPANY, INC. 2,916,127
THE EUROPEAN UNION, REPRESENTED BY THE EUROPEAN COMMISSION 2,848,904
THE FURUKAWA BATTERY CO., LTD. 2,772,217
THE GENERAL HOSPITAL OF THE PEOPLE'S LIBERATION ARMY 2,948,675
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,703,454
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,979,429
THE HEIL CO. 2,805,632
THE JOHNS HOPKINS UNIVERSITY 2,732,623
THE JOHNS HOPKINS UNIVERSITY 2,912,456
THE LUBRIZOL CORPORATION 2,784,331
THE NEW ZEALAND INSTITUTE FOR PLANT AND FOOD RESEARCH LIMITED 2,617,405
THE PROCTER & GAMBLE COMPANY 2,933,845
THE PROCTER & GAMBLE COMPANY 2,942,391
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,795,767
THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE 2,843,417
THE RESEARCH FOUNDATION OF STATE OF NEW YORK 2,794,565
THE STORK IB2C, INC. 2,799,606
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,571,261
THE UNIVERSITY OF QUEENSLAND 2,347,917
THE UNIVERSITY OF WYOMING RESEARCH CORPORATION 2,800,166
THE WASHINGTON UNIVERSITY 2,798,956
THELWELL, NICOLA JO 2,700,710
THERMOS L.L.C. 2,743,812
THIBOS, LARRY N. 2,771,825
THOMAS, BARRY D. 2,768,033
THOMAS, DAVE 2,745,168
THOMAS, FREDERIC 2,959,325
THOMAS, JOSHUA D. 2,927,022
THOMPSON, BARRY R. 2,886,040
THONGSUKMAK, ATSAWIN 2,895,529
THUNDERSHIRT, LLC 2,889,915
TIAN, BIN 2,913,117
TIAN, FENGWEI 2,881,715
TICOALU, JOHANN ROUBEN REINIER 2,804,238
TIGHE, PETER JOHN 2,825,829
TIN, RANDY P. 2,912,290
TODATE, MASAYUKI 2,943,108
TODD, ALISON VELYIAN 2,682,612
TOKUMOTO, SEIJI 2,900,920
TOLEDO-CROW, RICARDO 2,773,984
TOMCZUK, BRUCE EDWARD 2,749,853
TOMES, JENNIFER E. 2,752,827
TONCELLI, LUCA 2,753,472
TOPERA, INC. 2,795,767
TORAY INDUSTRIES, INC. 2,819,838
TORAY INDUSTRIES, INC. 2,935,808
TORAY PLASTICS (AMERICA), INC. 2,891,082
TORRADO, ANGEL RAMON A. 2,751,959
TOWNSEND, PHILIP NATHAN 2,805,730

TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,497
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,957
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,916,455
TQ DELTA, LLC 2,647,589
TRADING TECHNOLOGIES INTERNATIONAL, INC. 2,541,215
TRALDI, FLAVIO 2,807,100
TRAN, AN 2,724,672
TRAN, DUY 2,904,923
TRASK, LINDA 2,771,513
TRAVINS, JEREMEY M. 2,805,669
TREMBLAY, GILLES J. 2,793,573
TRIESENBERG, THOMAS H. 2,936,289
TRISSEL, JOHN A. 2,869,345
TROMBETTA, LIBERATORE A. 2,945,339
TRONC, JEROME 2,784,436
TRUDEAU-LALONDE, FRANCIS 2,992,303
TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,749,853
TSAI, HONG-CHIEH 2,876,129
TSINGHUA UNIVERSITY 2,829,990
TSUBOI, HIROSHI 2,718,157
TSUCHIKURA, HIROSHI 2,935,808
TSUCHIYA, YOSHINOBU 2,718,157
TSUCHIYA, YUSUKE 2,833,244
TSUNODA, HIROYUKI 2,603,408
TSX INC. 2,940,605
TUCKER, BARRY L. 2,910,611
TUCKER, CASSIUS MCALLISTER 2,674,026
TUCKER, ERIC 2,861,437
TURBOMECA 2,807,913
TURBOMECA 2,808,023
TURKVAN, HALUK 2,880,538
TURUN YLIOPISTO 2,878,873
TYCO ELECTRONICS RAYCHEM BVBA 2,826,367
TYLER, CHARLES ACE 2,959,889
TZANNES, MARCOS C. 2,647,589
UBER, ARTHUR E. 2,910,611
UCHIDA, NORIKAZU 2,833,244
UDANI, RUSSELL 2,807,102
UNAL, BURCU 2,798,131
UNILEVER CHINA (INVESTING) COMPANY 2,847,692
UNILEVER PLC 2,813,699
UNITED STATES GYPSUM COMPANY 2,828,308
UNITIKA LTD. 2,795,068
UNIVERSITE CLAUDE BERNARD DE LYON 1 2,744,406
UNIVERSITE CLAUDE BERNARD-LYON 1 2,923,090
UNIVERSITE D'ORLEANS 2,764,827
UNIVERSITE DE DROIT ET SANTE DE LILLE 2,806,825
UNIVERSITE DE MONTPELLIER 2,798,336
UNIVERSITE PARIS-EST CRETEIL VAL DE MARNE 2,736,438
UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS 2,758,762
UNIVERSITY HEALTH NETWORK 2,979,429
UNIVERSITY OF SOUTHERN CALIFORNIA 2,804,823
UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION 2,793,999
UNSPAM, LLC 2,514,122
USBERTI, FRANCESCA 2,785,321
VACCARI, MASSIMILIANO 2,795,283
VAFA, OMID 2,916,863
VAKALOPOULOS, ALEXANDROS 2,750,769
VAKHRUSHIN, ALEXANDER YURIEVICH 2,918,127
VALERITAS, INC. 2,937,736
VALETTI, MARCO 2,835,691
VALLART, JEAN-BAPTISTE 2,925,675
VALLOUREC OIL AND GAS FRANCE 2,815,723
VALOTI, ERMANNO 2,835,691
VALVE MEDICAL LTD 2,749,578
VAN DEN HENGEL, ANTON JOHN 2,669,972
VAN DER MERWE, DIRK A. 2,761,813
VANCLEAVE, WALTER G., III 2,802,888
VANDAMME, WOUTER 2,826,367
VANEGAS, RICARDO 2,798,131
VANKELECOM, IVO FRANS JOHANNA 2,697,401
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MA, JUN 3,013,105
MA, YANFEI L. 3,013,443
MAACK, METTE DYBENDAL 3,013,453
MAACK, METTE DYBENDAL 3,013,462
MACDONALD, ANDREW 3,013,048
MACKAY, BRUCE E. 3,013,027
MACKAY, JULIETTE 3,013,049
MACLEOD, MARK 3,013,232
MACTUTIS, ANTHONY 3,013,160
MADEREBNER, ROLAND 3,013,524
MAGEE, PAUL D. 3,013,339
MAGIC LEAP, INC. 3,013,025
MAGNETEK, INC. 3,013,036
MAILLEUX, ANNE-CATHERINE 3,012,537
MAJEWSKI, GEORGE PAUL 3,013,477
MAKAROVA, KIRA S. 3,012,607
MALKA, FRANCK 3,013,418
MALKAN, TUSHAR 3,013,413
MALYALA, RAJASHEKHARAM 3,013,588
MANABE, KOICHIRO 3,013,561
MANCA, LAURENT 3,013,263
MANCA, LAURENT 3,013,331
MANETTI, LEONARDO 3,013,272
MAO, ZHONGQUN 3,013,253
MAPPES, PHILIPP 3,013,316
MARASCO, ERIN KATHLEEN 3,013,348
MARAZZATO, MICHELE 3,013,261
MARCHAND, ARNAUD DIDIER M 3,013,406
MARCHAND, ARNAUD DIDIER M 3,013,407
MARCHAND, ARNAUD DIDIER M. 3,013,405
MARCHAND, ARNAUD DIDIER M. 3,013,408
MARCHIONINI, YVES 3,013,260
MARCON, JEROME 3,013,474
MARIANETTI, RONALD, II 3,013,053
MARINITSCH, GERALD 3,013,238
MARONI, ALESSANDRA 3,013,429
MARQUARDT, RONALD R. 3,013,061
MARSHALL, AARON 3,013,314
MARTIN, MICHAEL EMERSON 3,013,354
MARTINEZ CANEDO, ARQUIMEDES 3,013,582
MARTINEZ, IGNACIO 3,013,189
MARTINEZ-CROWLEY, MELISSA 3,013,056
MARTINKO, ANDREW BRADLEY 3,013,414
MARTINSEN, TORD B. 3,013,291
MARTINSEN, TORD B. 3,013,295
MASI, LOUIS 3,013,052
MASON, CHRISTOPHER W. 3,013,190
MASSACHUSETTS EYE AND EAR INFIRMARY 3,013,038
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,012,607
MASSEY, BRENT F. 3,013,570
MASTER LOCK COMPANY LLC 3,013,471
MASTERCARD INTERNATIONAL INCORPORATED 3,013,409
MASTROGIOVANNI, FULVIO 3,013,548
MASUDA, TAKUYA 3,013,421
MATSUMOTO, MINEAKI 3,013,304
MATSUMOTO, TAKAHIRO 3,013,428
MATSUO, SOICHIRO 3,013,564
MATSUOKA, ITSUMI 3,013,338
MATSUZAKI, TEIICHIRO 3,013,320
MAURAT, VINCENT 3,013,109
MAYNE, DONAL 3,013,258
MAYTEX MILLS, INC. 3,013,445
MCADAM, BRIAN 3,013,084
MCADAM, DAVID 3,013,084
MCALPINE, SEAN 3,013,043
MCCLURE, TRAVIS 3,013,492
MCCORMICK & COMPANY, INCORPORATED 3,013,040
MCKIBBIN, MINDI 3,013,024
MCLAUGHLIN, PATRICK D. 3,013,330
MCLEOD, GAVIN 3,013,498
MCMANUS, MARK 3,013,271
MCMULLEN, TODD 3,013,274
MCPARTLIN, LORI 3,013,313
MCVEY, DUNCAN 3,012,802
MEANWELL, NICHOLAS A 3,013,417
MEDICAL RESEARCH COUNCIL 3,013,119
MEINJOHANNS, ERNST 3,013,383
MEMORIAL SLOAN-KETTERING CANCER CENTER 3,013,054
MEMPHIS MEATS, INC. 3,011,484
MENG, YANG 3,013,040
MERCK SHARP & DOHME CORP. 3,013,473
MERIAL, INC. 3,012,802
MERTZ, KEITH JOHN 3,013,348
MESSERLY, MICHAEL J. 3,013,209
MESSERLY, MICHAEL J. 3,013,269
METAL FORMING & COINING CORPORATION 3,013,086
METANOMICS GMBH 3,013,316
METE, ANTONIO 3,013,237
METOXS PTE. LTD. 3,013,259
MEYER, ROBERT J. 3,013,193
MEYERSON, MATTHEW 3,013,402
MICHIHATA, NORIKO 3,013,441
MICHL, KATHRIN 3,013,528
MICKEY, TOM 3,013,271
MICLEA, COSMIN D. 3,013,058
MIDWEST INNOVATIVE PRODUCTS, LLC 3,013,230
MIDWOOD, KIM SUZANNE 3,013,168
MIHALCEA, CHRISTOPHE DANIEL 3,013,354

MILLENNIUM PHARMACEUTICALS, INC. 3,013,458
MILLER, ERIK 3,013,052
MILLER, MICHAEL D. 3,013,473
MILLS, CAMERON SPENCER 3,013,414
MIN, BOKYUNG 3,013,187
MINAKHIN, LEONID 3,012,607
MIRABELLA, LUCIA 3,013,582
MIRAKI, MANOUCHEHR A. 3,013,224
MIRONOV, OLEG 3,013,403
MISRA, KIRAN MUKESH 3,013,317
MITSUBISHI ELECTRIC CORPORATION 3,013,292
MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD. 3,013,172
MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD. 3,013,294
MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD. 3,013,304
MITSUBISHI HEAVY INDUSTRIES, LTD. 3,013,175
MIYANAGA, WATARU 3,013,433
MODOCAST, LLC 3,013,058
MODULA S.P.A. 3,013,170
MOGNA, GIOVANNI 3,013,280
MOHANLAL, RAMON 3,013,467
MOLLER-JENSEN, PETER 3,013,453
MOLLER-JENSEN, PETER 3,013,462
MOLNAR, CHRISTIAN 3,013,345
MOREAU, ANDRE W. 3,013,568
MOREAU, DARRELL A. 3,013,568
MOREAU, REGINALD 3,013,568
MOREHEAD, MASON 3,013,196
MORGAN, FREDERICK 3,013,046
MORIOKA, YUICHI 3,013,424
MOSS, N. RYAN 3,013,464
MOTION ENGINE INC. 3,013,265
MUGINOV, ROMAN RADIFOVICH 3,013,422
MULHERN, JAMES 3,013,227
MURPHY, PATRICK 3,013,386
MYERS, JEFF 3,013,437
NAGEL, RUDOLF J. 3,013,240
NAJIMI, MUSTAPHA 3,013,427
NAKANO, SEIJI 3,013,292
NAKANO, TAKUMA 3,013,420
NAKANO, TAKUMA 3,013,450
NAKONESHNY, JORY 3,013,043
NAN, SHUGONG 3,012,909
NAN, SHUGONG 3,013,515
NANDIPATI, SRIKANTH 3,013,239
NANJING JUNLI TECH. CO. LTD. 3,013,517
NANO-GREEN BIOREFINERIES INC. 3,013,043
NAPLES, BENEDETTO 3,013,094
NARVA, KENNETH E. 3,013,199
NARVA, KENNETH E. 3,013,328
NASCIENT LIMITED 3,013,168
NATARAJAN, CHANDRASHEKAR 3,013,324
NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY 3,013,553
NAUREX, INC. 3,013,329
NCHAIN HOLDINGS LIMITED 3,013,173
NCHAIN HOLDINGS LIMITED 3,013,180
NCHAIN HOLDINGS LIMITED 3,013,182
NCHAIN HOLDINGS LIMITED 3,013,185
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NEEDEL, GREGORY 3,013,579
NELSON, ROBERT J. 3,013,435
NESTEC S.A. 3,013,260
NESTEC S.A. 3,013,261
NESTEC S.A. 3,013,537
NESTOROV, IVAN 3,013,472
NEVINS, DANNY 3,013,271
NGUYEN, JUSTIN K. 3,013,313
NIAGARA BOTTLING, LLC 3,013,214
NIAGARA BOTTLING, LLC 3,013,581
NIBCO INC. 3,013,190
NICHOLSON, MYRON D. 3,013,562
NICOLAE, ALEXANDRU 3,013,509
NICOLL-GRIFFITH, DEBORAH ANNE 3,013,473
NIELSEN, JONATHAN 3,011,960
NIELSEN, KENNETH 3,013,453
NIELSEN, KENNETH 3,013,462
NIHON NOHYAKU CO., LTD. 3,013,564
NINGBO FOTILE KITCHEN WARE CO., LTD 3,013,253
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,013,287
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 3,013,431
NISSAN MOTOR CO., LTD. 3,013,243
NISSAN MOTOR CO., LTD. 3,013,284
NOBEL BIOCARE SERVICES AG 3,013,241
NOBILI, ALBERTO 3,013,479
NOBLE DRILLING SERVICES INC. 3,013,023
NOGUCHI MISATO 3,013,433
NOGUCHI, MASATSUGU 3,013,433
NOLAN, MICHAEL 3,013,335
NOONER, BRYAN 3,013,230
NORMANDEAU, DANICK R. J. 3,013,088
NORTH CAROINA STATE UNIVERSITY 3,013,335
NOTZ, RALF 3,013,526
NOVAK, RICHARD 3,013,313
NOVARTIS AG 3,013,186
NOVARTIS AG 3,013,283
NOVAWURKS, INC. 3,013,293
NOVINA, CARL 3,013,479
NOVUM VASCULAR, LLC 3,013,574
NOWICKA-SANS, BEATA 3,013,417
NUFERN 3,013,343
NUSSBAUMER, SILVIO 3,013,241
O'CONNOR, TIMOTHY J. 3,013,396
O'NEILL, PATRICK 3,013,023
O.R. SCIENCE INC. 3,013,274
OATEY CO. 3,013,461
OBUNGU, VICTOR H. 3,013,443
ODDS, LLC 3,012,600
ODDS, LLC 3,012,601
OE, TARO 3,013,287
OELERICH, JENS JOSEF 3,013,289
OFER, DAVID 3,013,355
OGAWA, KOICHIRO 3,013,553
OHGI, TADAAKI 3,013,179
OHNO, TATSUYA 3,013,178
OJHA, SONAL 3,013,448
OKAMOTO, YUMIKO 3,013,441
OLDHAM, MARK 3,013,335
OLIVE, DANIEL 3,013,333
ONCOBIOLOGICS, INC. 3,013,336
ONCOBIOLOGICS, INC. 3,013,340
ONCOCEUTICS, INC. 3,013,044
ONISHI, TOMOYUKI 3,013,172
ONISHI, TOMOYUKI 3,013,294
OPRO INTERNATIONAL LIMITED 3,013,276
ORIONIS BIOSCIENCES NV 3,013,551
ORIONIS BIOSCIENCES NV 3,013,554
ORIONIS BIOSCIENCES NV 3,013,555
ORIONIS BIOSCIENCES NV 3,013,558
OROFINO PHARMACEUTICALS GROUP SRL 3,013,545
OROFINO, ERNESTO 3,013,545
ORR, JAMES 3,013,084
ORTHALIGN, INC. 3,011,960
ORTHO-CLINICAL DIAGNOSTICS, INC. 3,013,042
OSTERMANN, RAINER 3,013,565
OSTHER, KURT 3,013,522
OTA, TAKAFUMI 3,013,172
OTA, TAKAFUMI 3,013,294
OTTOBONI, THOMAS B. 3,013,288
OUCHI, WATARU 3,013,308
OUSTER, INC. 3,013,065
OVERBY, BENT 3,013,085
OVERSON, JASON MICHAEL 3,013,579
OWEN, JOHN M. 3,013,212
PACALA, ANGUS 3,013,065
PACH, JOHN DAVID 3,013,540
PACZKOWSKI, LYLE WALTER 3,013,061
PADILLA, CHRISTOPHER A. 3,013,452
PALIY, MAXIM 3,011,164
PALUSKIEWICZ, SARAH 3,013,158
PAPANASTASIOU, DIMITRIS 3,013,117
PARHAR, AMRIT 3,013,461
PARIS, FRANCOIS 3,013,243
PARK, COLIN WILLIAM 3,013,540
PARK, JAE HAN 3,013,321
PARK, TAE-EUN 3,013,077
PARK, YONG BIN 3,013,569
PARKER HANNIFIN MANUFACTURING FRANCE 3,013,110
PARKER, ALAN DAVID 3,013,277
PARKER-HANNIFIN CORPORATION 3,013,196
PASCAL, KEVIN 3,013,196

PATEL, PAYAL 3,013,309
PATEL, PIYUSH 3,013,123
PATEL, VIPULKUMAR KANTIBHAI 3,013,404
PATEL, YAMINI D. 3,013,207
PAX, PAUL H. 3,013,209
PAX, PAUL H. 3,013,269
PBI PERFORMANCE PRODUCTS, INC. 3,013,198
PEACE, SIMON 3,013,404
PEARCE, CATHERINE 3,013,123
PECKHAM, CANYON DANIEL 3,013,159
PEDRAZZOLI, DIEGO 3,013,363
PEJAVER, SATISH 3,013,413
PELISSIER, LAURENT 3,007,936
PELLENC SELECTIVE TECHNOLOGIES (SOCIETE ANONYME) 3,013,444
PENG, HANJING 3,013,589
PER, HOPSO 3,013,188
PERET, GRANT ALEXANDER 3,013,579
PEREZ, WILLIE 3,013,461
PERNODET, NADINE 3,013,319
PERQFLO, LLC 3,013,434
PETER, ERIK 3,013,316
PETERS, HEINRICH 3,013,513
PETERSON, MATTHEW MAHER 3,013,159
PETROU, ANTON A. 3,013,033
PHARMAENGINE, INC. 3,013,514
PHILIP MORRIS PRODUCTS S.A. 3,013,263
PHILIP MORRIS PRODUCTS S.A. 3,013,268
PHILIP MORRIS PRODUCTS S.A. 3,013,331
PHILIP MORRIS PRODUCTS S.A. 3,013,403
PHILIP MORRIS PRODUCTS S.A. 3,013,538
PHILIPP, DIETER 3,013,397
PIERRE, SANTIAGUE 3,013,027
PIGERON, CLEMENCE 3,013,109
PILE-SPELLMAN, JOHN 3,013,266
PILI, ROBERTO 3,013,047
PIPER, ERIK 3,013,086
PITZER, ERNST MARTIN WILHELM 3,012,883
POMERLEAU, MING F. 3,013,296
PONCE, RICHARD 3,013,200
PORETTI, ARTURO L. 3,013,189
PORTAL, THIBAUD 3,013,411
PRABHU, VARUN VIJAY 3,013,044
PRADO PUEO, FELIX 3,013,419
PRECITEC GMBH & CO. KG 3,013,264
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,012,607
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,013,077
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,013,309
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,013,313
PRESTA, LEONARD 3,013,463
PRESZ, WALTER M., JR. 3,013,052
PRIDE MOBILITY PRODUCTS CORPORATION 3,013,227
PRINTERLOGIC, LLC 3,013,069
PRITHIVIRAJ, BALAKRISHNAN 3,013,370
PROBIOTICAL S.P.A. 3,013,280
PRODUITS DENTAIRES PIERRE ROLLAND 3,013,109
PRYSMIAN S.P.A. 3,013,373
PUERTA, JEFFERSON 3,013,337
PURKAIT, PULAK 3,013,034
PURVES, THOMAS 3,013,371
PUTCHA, SAI PHANEENDRA SRI HARSHA VISWANATH 3,013,324
QI, YUCHEN 3,013,054
QIAN, CHANGGENG 3,013,514
QUALCOMM INCORPORATED 3,013,090
QUALCOMM INCORPORATED 3,013,228
QUALCOMM INCORPORATED 3,013,439
QUARRY, ANTONY 3,013,241
QUENTIN, PIERRE 3,013,474
QUEST INTEGRATED, LLC 3,013,160
QUINLAN, ROGER J. 3,013,339
R.J. REYNOLDS TOBACCO COMPANY 3,013,315
RABAUSCH, ULRICH 3,011,018
RABOISSON, PIERRE JEAN-MARIE BERNARD 3,013,405
RABOISSON, PIERRE JEAN-MARIE BERNARD 3,013,406
RABOISSON, PIERRE JEAN-MARIE BERNARD 3,013,407
RABOISSON, PIERRE JEAN-MARIE BERNARD 3,013,408
RADON, RAPHAEL 3,013,318
RADON, ROMAN 3,013,318
RAIHALA, DANIEL 3,013,060
RAISER, THOMAS EWALD 3,013,466
RAJAGOPAL, ARUN 3,013,061
RAJAMANI, UTHRA 3,013,337
RAJAMANI, UTHRA 3,013,357
RAMSAY, TRAVIS ST. GEORGE 3,013,571
RAMSEY, JOHN E. 3,013,094
RANGASAMY, MURUGESAN 3,013,199
RANGASAMY, MURUGESAN 3,013,328
RAPOSO, ALEX JOSEPH 3,013,306
RAPTAKIS, EMMANUEL 3,013,117
RATTES, CLAUDIO 3,013,040
RAVA, RICHARD P. 3,013,572
RAVI, ANANTH 3,013,509
REBOSCIO, ENRICO 3,013,548
RECORDATI INDUSTRIA CHIMICA E FARMACEUTICA S.P.A. 3,013,429
REEDER, MARY 3,013,390
REESE, MICHAEL 3,013,075
REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD 3,013,498
REGUEIRO-REN, ALICIA 3,013,417
REKOW, CRAIG J. 3,013,339
REMBRANDT ENTERPRISES, INC. 3,013,024
REMMERS, THOMAS 3,013,159
REMPEL, JANE 3,013,355
REN, PENG 3,012,909
REN, PENG 3,013,515
RENNER, THOMAS 3,013,108
RESNIKOFF, JOSHUA 3,013,309
RICHMANN, SUSSIE 3,013,453
RICHMANN, SUSSIE 3,013,462
RIDAR SYSTEMS LLC 3,013,570
RIEGER, CHRISTOPH 3,013,397
RIGEL PHARMACEUTICALS, INC. 3,013,080
RIKEN 3,013,320
RIKIMARU, KENTARO 3,013,428
RINGSTROM, RICHARD 3,013,201
RITTENHOUSE, RONNIE 3,013,476
RIZKALLAH, JAD 3,013,301
ROBERTS, JOHN 3,012,600
ROBERTS, JOHN 3,012,601
ROCKFIELD MEDICAL DEVICES LIMITED 3,013,258
RODAN & FIELDS, LLC 3,013,477
RODAN, KATHRYN PREGERSON 3,013,477
ROELOFFS, BOB 3,013,285
ROFE, RICHARD 3,013,096
ROGERS, VICTORIA 3,013,279
ROHM AND HAAS COMPANY 3,013,095
ROLLMANN, PAUL J. 3,013,192
ROSCHER, SARAH 3,013,381
ROSE, MATTHEW W. 3,013,159
ROSEMOUNT INC. 3,013,073
ROSENFELD, HENNING 3,011,018
ROSS, MARK W. 3,013,031
ROSS, WILLIAM CLAYTON 3,013,566
ROSS-JOHNSRUD, BENJAMIN 3,013,052
ROTHER, CHRISTOPHER J. 3,013,191
ROUGIER, BERNARD 3,013,113
ROULEAU, GREG L. 3,013,570
RUIZ, RENZO FRANCESCO GUILIANO 3,013,058
RUNGE, MICHAEL B. 3,013,334
RUNGE, MICHAEL B. 3,013,440
RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG 3,013,316
RUSCONI CLERICI BELTRAMI, ANDREA 3,013,327
RUSSELL, BRIAN 3,013,464
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 3,012,607
RUUTTU, JARI 3,013,275
S.P.M. FLOW CONTROL, INC. 3,013,437
SACK, ULRIKE 3,013,402
SAFELINK AS 3,013,291
SAFELINK AS 3,013,295
SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN 3,013,262
SAITOU, YUKI 3,013,433
SAKURAI, HIROYOSHI 3,013,320

SAMJIN PHARMACEUTICAL CO., LTD. 3,013,022
SAMJIN PHARMACEUTICAL CO., LTD. 3,013,569
SANCHEZ, VICENTE 3,013,070
SANCHEZ, YAGO 3,013,111
SANDLER, UZIEL 3,013,552
SANFORD, ERIC 3,013,471
SANTAMARIA, GEORGE THOMAS 3,013,305
SARABIA, JAIME E. 3,013,062
SARABIA, JAIME E. 3,013,064
SARABIA, JAIME E. 3,013,066
SARABIA, JAIME E. 3,013,068
SARANG, SANJAY 3,013,348
SAREEN, DHRUV 3,013,337
SAREEN, DHRUV 3,013,357
SASAKI, TAKUYA 3,013,421
SASAKI, TAKUYA 3,013,423
SAUGEN, BERNT 3,013,181
SAVANAH, STEPHANE 3,013,173
SAVANAH, STEPHANE 3,013,180
SAVANAH, STEPHANE 3,013,182
SAVANAH, STEPHANE 3,013,185
SAVOR LABS, INC. 3,013,053
SAWCHYN, KAREN 3,013,082
SCALMATO, ANTONELLO 3,013,548
SCANDINARO, DOMINIC J. 3,013,058
SCANDINAVIAN MICRO BIODEVICES APS 3,013,085
SCARPACI, JACOB WILLIAM 3,013,579
SCHABEL, THOMAS 3,013,089
SCHATZ, PHILIPP 3,013,316
SCHEIDHAUER, RAINER 3,013,528
SCHENKEL, NICK 3,013,209
SCHENKEL, NICK 3,013,269
SCHENONE, MONICA 3,013,402
SCHIERL, THOMAS 3,013,111
SCHITTKO, STEFAN 3,013,074
SCHNURLE, HORST 3,013,093
SCHOUTEN, MARIA ELIZABETH WILHELMINA 3,013,257
SCHOUTEN, MARIA ELIZABETH WILHELMINA 3,013,310
SCHULTE, MICHAEL 3,011,018
SCHULTZ, MICHAEL ANTHONY 3,013,465
SCHULTZ, MICHAEL ANTHONY 3,013,466
SCHULTZ, PETER G. 3,013,463
SCHULZE, ERIC 3,011,484
SCHUMACHER, MARK STEPHEN 3,013,073
SCHUSTER, ANNETTE 3,013,550
SCHWARTZ, JONATHAN 3,013,418
SCHWARZ, WOLFGANG 3,013,089
SCHWOEBEL, KLAUS 3,013,397
SEGALL, CHRISTOPHER ANDREW 3,013,317
SEIDER, GARY LEONARD 3,013,306
SEKI, HARUHIKO 3,013,300
SEKI, TOSHIHIDE 3,013,292
SEKISUI CHEMICAL CO., LTD. 3,013,556
SEKISUI CHEMICAL CO., LTD. 3,013,557
SELDEN, THADDEUS NOLL 3,013,570
SEMENOVA, EKATERINA 3,012,607
SEMPLE, RYAN 3,013,189
SENBA, YUSUKE 3,013,338
SENDAI, YUSUKE 3,013,287
SEOW, CHI MIN 3,013,232
SERMETA 3,013,114
SERVICENOW, INC. 3,013,332
SEVERINOV, KONSTANTIN 3,012,607
SGORBISSA, ANTONIO 3,013,548
SHACKLADY-MCATEE, DANIELLE MARIA 3,013,544
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 3,013,254
SHANGHAI JIAO TONG UNIVERSITY 3,013,516
SHARP KABUSHIKI KAISHA 3,013,308
SHARP KABUSHIKI KAISHA 3,013,317
SHARPE, ANDREW 3,013,404
SHASTRY, VISHWANATH 3,013,371
SHEA, JOHN JOSEPH 3,013,192
SHERIDAN, MARGARET M. 3,013,440
SHERMER, JOHN 3,012,424
SHIELS, BRIAN P. 3,013,198
SHIMEZAWA, KAZUYUKI 3,013,425
SHIN, HEE JONG 3,013,569
SHINDE, ABHAY RAOSAHEB 3,013,034
SHIRAI, SHUSUKE 3,013,441
SHIRASAKA, YASUYUKI 3,013,556
SHIRASAKA, YASUYUKI 3,013,557
SHMAKOV, SERGEY 3,012,607
SHOSHYN, DMYTRO 3,013,562
SIBREL, MATTHEW 3,013,023
SICO INCORPORATED 3,013,233
SIDERSKIY, VALENTIN 3,013,159
SIEMENS AKTIENGESELLSCHAFT 3,013,435
SIEMENS AKTIENGESELLSCHAFT 3,013,582
SIEPE, ISABELLA 3,013,550
SIGER, LEONARDO 3,012,802
SIMON, DIRK 3,013,565
SIMPSON, SEAN DENNIS 3,013,354
SIN, NY 3,013,417
SINGH, RAJINDER 3,013,080
SIQ MOUNTAIN INDUSTRIES INC. 3,013,078
SIT, SING-YUEN 3,013,417
SIVY, YANN 3,011,954
SKANES, ALLAN 3,013,270
SKARE BERG, ANDRE 3,013,291
SKARE BERG, ANDRE 3,013,295
SKJODT, OLE 3,013,453
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SUNCOR ENERGY INC.	3,011,022
SURGICAL STABILIZATION TECHNOLOGIES INC.	3,011,997
SVIDAL, TROND	2,989,927
TAYLOR, JAMES G.	3,012,242
TERLIUC, GAD	3,012,285
THE BOEING COMPANY	3,012,925
TORRENGA, RYAN	3,013,395
TRECO, DOUGLAS A.	3,012,663
TREJO MARTIN, TERESA ALEJANDRA	3,012,242
TRUDEAU-LALONDE, FRANCIS	3,013,154
VAKKALANKA, SWAROOP KUMAR V. S.	3,012,610
VAUGHAN, BOB	3,008,944
VILLEMOES, LARS	3,008,914
VISWANADHA, SRIKANT	3,012,610
WASIELEWSKI, RAY C.	3,012,813
WEBSTER, WAYNE H.	3,013,395
WEISS, ADAM	3,003,822
WENZEL, HANS F.	3,010,657
WENZEL, HANS F.	3,010,662
WILLIAMS, MELANIE D.	3,012,663
WILLIS, ERIC	3,008,944
WISNIEWSKI, NATALIE ANN	3,012,355
WOO, JONG SOO	3,012,771
WOODS, THOMAS STEVEN	3,012,526
YERKA, TERRY MARTIN	3,012,868
YURKOV, VLADIMIR VIKTORVICH	3,012,972
ZHANG, GUANGRONG	3,012,497
ZHANG, YAZHOU	3,012,497
ZHAO, LIANG	3,012,944